1912-1913

ESSEX AND COLCHESTER

LUNATIC ASYLUM

REPORTS

AND

OTHER DOCUMENTS

1912-1913.

Essex and Colchester Lunatic Asylum.

REPORT

OF THE

Committee of Visitors,

THE

MEDICAL SUPERINTENDENT

AND OTHER

PAPERS RELATING TO THE ASYLUM.

Printed in pursuance of the Standing Orders of the County Council.

COLCHESTER:

PRINTED BY CULLINGFORD & CO., 156 HIGH STREET.

1913.

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COMMITTEE OF VISITORS

Appointed for the Year ending March, 1914.

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HENRY HAMILTON GEPP,

Clerk to the Visitors.

The Chairman of each House Committee shall be an ex-officio Member of all other Sub-Committees of the Visiting Committee.

Brentwood House Committee.

For the Year ending March, 1914.

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J. A. G. Bodger, Esq.
F. G. Cosburn, Esq.
F. Dent, Esq.
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P. Hutley, Esq.
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E. Good, Esq.
J. B. Hawkins, Esq.
W. Langman, Esq.
C. E. Ridley, Esq.
Sir J. R. Roberts.
R. Stroud, Esq.

Officers:

J. TURNER, M.B.	*Medical Superintendent*
G. N. O. SLATER, M.D	*Senior Assistant Medical Officer*
ADELE de STEIGER, M.D.	*Assistant Medical Officer*
J. H. P. CLARKE, M.B., B.Ch., D.P.H.	,, ,, ,,
E. P. COURT, M.R.C S., L.R.C.P.	,, ,, ,,
H. STEVENS, M.A.	*Chaplain*
W. H. ROSCOE, F.C.I.S.	*Clerk of the Asylum*
E. S. WHITE	*Storekeeper and Organist*
H. HEYWARD	*Inspector*
I. CHERRY	*Matron*
G. D. RENTON	*Clerk of the Works and Engineer*

REPORT

OF THE

COMMITTEE OF VISITORS.

To the Essex County Council and the Borough of Colchester.

The Committee appointed by the Essex County Council and the Borough of Colchester for the purpose of the Asylum erected for the Pauper Lunatics of the said County and Borough, present this their Report, pursuant to the Act of Parliament, 53 Vic., cap. 5.

The Committee Report that there were :—

	Males.	Females.	Total.
Remaining in the Asylum, 31st Dec., 1911 ...	718	1123	1841

	Males.	Females.	Total.
Admitted for the first time during the year	331	316	647
Re-admitted during the year	51	55	106
Total cases admitted during the year ...	382	371	753
Total under care during the year ...	1100	1494	2594

Cases discharged and died :—

	Males.	Females.	Total.
Recovered	94	75	169
Relieved	30	71	101
Not Improved	23	47	70
Died	176	183	359
Total cases discharged and died... ...	323	376	699
Remaining in the Asylum, 31st Dec., 1912 ...	777	1118	1895

Including—At Harold Court ... ... 73 Males.
At Brunswick House ... ... 55 Females.
At the Chestnuts ... ... 64 Females.

There were also boarded out at other Asylums, in consequence of want of room at Brentwood Asylum :—

	Males.	Females.	Total.	Cost per week.
At Ipswich Borough Asylum	—	25	25	16 0
,, Middlesbrough Asylum	28	30	58	13 5
,, Herts County Asylum	9	—	9	15 2
,, Monmouth County Asylum... ...	49	50	99	14 0
,, Newport Borough Asylum	31	49	80	17 0
,, Bethnall House Asylum	20	61	81	18 0
,, Bristol City Asylum...	—	40	40	13 0
,, Oxford County Asylum	—	20	20	14 0
,, Surrey County Asylum, Netherne...	85	80	165	15 2
,, Surrey County Asylum, Brookwood	48	73	121	15 2
,, West Riding Asylum, Storthes Hall	49	—	49	14 0
,, Croydon Borough Asylum	—	9	9	15 2
,, West Sussex County Asylum ...	—	19	19	15 0
,, Leicester Borough Asylum ...	—	25	25	15 2
	319	481	800	

The cost of maintenance at Brentwood Asylum is 11/8 per week.

The Contract with the Committee of Croydon Borough Asylum was terminated by that Committee. The 25 women there were transferred to Leicester Borough Asylum on July 31st under a new Reception Contract. A Reception Contract was also entered into with the Committee of the West Sussex County Asylum for the reception of 25 women. The Norfolk County Asylum Committee terminated their Contract, and 18 men boarded out at their Asylum were brought back to Brentwood on May 17th.

The total number of patients belonging to the County of Essex and the Borough of Colchester boarded out at other Asylums is exactly 800.

There were admitted into the Asylum during the year 382 men and 371 women, a total of 753, an increase of 47 on the previous year's figures; but as 18 of these admissions were male patients brought back from Norfolk County Asylum, the real increase is 29.

The total number of patients resident at the end of the year is 1895, an increase of 54 on those resident at the end of 1911.

It is expected that Colchester Asylum will be receiving patients during May, 1913, and thereby alleviate the ever growing insane population at Brentwood Asylum.

The Committee have entered into a contract with Messrs. Clemens Brothers for alterations at Block F, whereby accommodation will be provided for 54 extra male patients. The work is progressing steadily.

A new Drying Machine has been bought from Messrs. Wardle & Co., making the third purchased from them, and this has much facilitated the work in the laundry.

Several improvements have been carried out during the year. Mention may be made of the following :—

The vacated sewing room at Block D converted into a general bathroom.

The old bathrooms at Block D converted into nine bedrooms for nurses.

A children's bath fitted in Ward F3.

D Block kitchen yard paved with scoria bricks.

The road from top entrance to main building made into a granite road

Several patients, with the help of an attendant, have made over 600 oak picture frames, and with the purchase of prints, the appearance of the wards has been much improved by these means.

Patients working with an attendant have made 67 door mats, and it is proposed to supply Colchester Asylum with mats from the same source.

The conversion of the old kitchen in the main building (mentioned in last year's report) has proved a valuable asset, and in addition to the usual garments made and needlework done for Brentwood Asylum, no less than 14,827 articles of clothing and bedding were made to facilitate the furnishing of Colchester Asylum.

Dr. R. C. Turnbull was appointed by the Committee as Medical Superintendent of the New Asylum in March, Dr. G. N. O. Slater being promoted to Senior Assistant Medical Officer in his place, and Dr. de Steiger to Second Assistant Medical Officer.

Dr. J. H. Will, the Fourth Assistant Medical Officer, resigned and left in June last to take up private practice in New Zealand.

Drs. J. K. P. Clarke and E. P. Court were appointed to fill the vacancies.

Mr. R. Overend, First Assistant Clerk, was appointed Clerk at Colchester Asylum.

The conduct of the Staff has been generally very satisfactory, and good work has been accomplished.

The following have retired under the provisions of the Asylums Officers' Superannuation Act, 1909:—John Manning, Attendant; Albert Edward Love, Attendant; George Horsley, Pigman; William Bell, Shoemaker.

Henry Johnson, Night Attendant, retired under the Committee's pension sheme, with the sanction of the Essex County Council and the Colchester Borough Asylum.

Walter Mayers, Assistant Fireman, died suddenly on December 8th, and the Committee granted his widow 10/- weekly for 104 weeks under the provisions of the Asylums' Officers' Superannuation Act.

Miss Agnes Stewart, late Head Attendant at the "Chestnuts" Branch Asylum, who was pensioned on 4th October, 1910, died on January 6th, 1912.

The Committee regret the long absence of Sir John Roberts from the meetings, and view with much sorrow his continued illness. They sincerely wish him a speedy return to health.

THOS. BARRETT-LENNARD

REPORT

OF THE

COMMISSIONERS IN LUNACY.

BRUNSWICK HOUSE, MISTLEY,

April 1st, 1912.

There are 55 female patients in residence to-day at this branch of the Essex Asylum. With the exception of one woman who was in bed for a cold they were all in good bodily health, and were tidy in their dress and personal appearance.

With the exception of a few appeals for discharge, I received no complaints of their treatment, and I was satisfied that they were being properly cared for.

The house was clean and in good order; spring cleaning had just been begun on the top floor.

The staff consists of a matron and three nurses, a cook, and a gardener and boy.

About 24 patients attend Divine Service at the Parish Church on Sundays, and the like number are taken twice a week for walks in the district.

Dr. Bree visits three times a week, but there are only entries in the Medical Journal at the most twice a month, and more often only once a month. They should be made, as previously pointed out by my colleagues, once a week.

(Signed) B. T. HODGSON,

Commissioner in Lunacy.

The Chestnuts,

September 26th, 1912.

I have to-day visited this branch house of the Essex County Asylum, and have seen all the inmates with the exception of three who are out visiting a Picture Palace in the neighbourhood. There are at present 63 female patients in residence, so that there is one vacancy. One of them is in bed, having sustained a fracture of the ankle, caused by the fall of a branch of a tree in the garden. I found the patients in good health ; they were neat and tidy in their dress, and with one exception quiet and orderly in behaviour. The excepted case is that of a patient who became excited and aggressive when talking to me. She is, I am informed, liable to outbursts of excitement, which have been more frequent of late, and it may be advisable in consequence to send her back to the Asylum. In the month of March last all those cases which from age or debility or other causes were in need of supervision at night were returned to Brentwood, and since then the services of a night nurse have been dispensed with. The day staff remains of the same strength as before.

Four of the patients work in the laundry and a like number in the kitchen. Fully three-fourths of the whole number attend the Sunday morning service, which is conducted by one of the curates, and every month by the Vicar of the parish. Parties of patients are taken out for walks, and occasionally to Epping Forest, whilst visits to the Picture Palace are frequent.

The single room on the first floor mentioned by colleagues is now occupied by a nurse, another room which communicates with the dormitory being allotted to a patient. A fire alarm, connected with the public Fire Station, has been fitted up in the Matron's room.

I found all parts of the house kept in excellent order, and was accompanied during my inspection by Miss Coote the matron,

and Dr. Kennedy the visiting Physician. The records of the cases are now being kept on loose sheets as well as copied into the Case Books.

(Signed) SIDNEY COUPLAND,
Commissioner in Lunacy.

The Guardians of the Colchester Union reported as follows:

COLCHESTER,
16*th July*, 1912.

LADIES AND GENTLEMEN,

We visited Brentwood Asylum on Wednesday last, the 10th instant, and personally interviewed all the patients maintained therein from this parish to the number of 69.

Dr. Slater accompanied us round the Institution and answered all our questions, and gave us every facility to question the patients. Only two stated they did not wish to return home.

There appears little hope of recovery of the large majority of the cases, but we are satisfied that everything possible is done for their welfare and comfort.

(Signed) ANNIE FLORY,
A. HARPER.
W. CALLAGHAN,
Committee.

The Guardians of the Risbridge Union reported as follows:

On the 1st August Mr. Crow and I went to the Essex County Asylum at Brentwood.

We were received by Dr. Court, shewn over various parts of the building, and saw the inmates chargeable to this Union, viz.: Herbert Ford, Florence Cowle and Emily Cooper. They all appeared to be well cared for and made no complaint, in fact, the girl Florence Cowle was quite cheerful.

But it is physically impossible to expect any real improvement in the condition of these patients. They are all imbeciles, and cannot in the nature of the case ever attain to soundness and sanity.

The other patient chargeable, Samuel Gipps, of the Parish of Kedington Hamlet, we did not see, as he is boarded out. This is due to the congested state of the Institution; but this difficulty will be overcome before long as a New Asylum is being built at Colchester to accommodate 1,100 persons, and it is hoped that this building will be ready in about a year's time.

We found everything quite satisfactory and have nothing but praise for the kindness, care and patience of the doctors and nurses of this Institution.

(Signed) A. McKECHNIE,
HARRY CROW.

REPORT

OF THE

MEDICAL SUPERINTENDENT

For the Year ending December 31st, 1912.

To the Committee of Visitors of the Essex and Colchester Asylums.

GENTLEMEN,

I beg to submit my Annual Report for the year 1912, with the usual statistical tables.

The number of patients at this Asylum and Branches at the end of the year was 1,895, an increase of 55 on those remaining at the end of the previous year.

The admissions for the year numbered 753, being 46 more than were admitted in 1911.

The average number resident was 1,880.

The percentage of Recoveries to Direct Admissions was 25·14.

The percentage of Deaths, calculated on the average number resident, was 19·09. This is a very high percentage. It was largely contributed to by persons admitted in a very feeble state of health, and dying shortly after admission, and also by a large proportion of senile cases. (See Pathological Report.)

The chief causes of death were:—From Tuberculosis 29, General Paralysis 54, Epilepsy 34, Pneumonia 44, and Bright's Disease 38.

But although these are factors in causing our high death rate undoubtedly the main one is the withdrawal from our population of healthy able bodied patients to be boarded out at other Asylums.

There are 800 at the present time of our patients in other Asylums and they have been selected from among the healthiest of our inmates.

There were six Inquests during the year:—One on a woman of 25 years, who had taken spirits of salts before admission and died one hour after admission. A second on a man of 41 years, who died from Exhaustion of Mania. A third on a male criminal patient, who died a few hours after admission from Uraemia. A fourth on a man who died from Cerebral Hemorrhage after a fall during a fit. A fifth on a man of 65 years of age, who died from Subdural Hemorrhage; and the sixth on a youth of 19 years, who died from collapse of lung, following rupture of an abscess in the lung.

There was an outbreak of Dysentery and Diarrhœa at D Block lasting from January to October, chiefly among patients of faulty habits. 19 in all were attacked by Dysentery, 11 of whom died, and 22 by Diarrhœa, which caused three deaths.

State Aid for Scientific Research in Mental Diseases.

A meeting was held at the Guildhall on December 5th, in connection with this subject, when the proceedings were opened by the Lord Mayor of London.

There was a large assembly of alienists from all parts of the country, the Lord Mayor of Cardiff taking the chair on the departure of the Lord Mayor of London.

Dr. Turnbull and myself were deputed to attend the meeting, and we were accompanied by Mr. Dent.

A resolution was unanimously carried declaring that State Aid in the form of grants is expedient for research directed towards the prevention and cure of insanity, and for the establishment of clinics in which early cases could be both treated and studied. A deputation was appointed to wait upon the Lunacy Commissioners and the Home Secretary.

There can be no necessity to labour the point of the desirability of Medical Officers of Asylums taking an intelligent interest in their work, and more especially of engaging in researches likely to shed light on some of the complicated problems of insanity, but the difficulty is to find out a practicable and efficient means for doing this.

In the past much good work has been done without assistance from the State and with no extra expense to the ratepayers. But such work is becoming increasingly difficult with our measure of knowledge. And at the present time it is not pathology only that is called for, but clinico-pathological, biological, bacteriological and other aids, all meaning expense and necessitating special knowledge and training.

Although State Aid for special lines of research could be usefully applied in this Asylum, I should like to see a Central Laboratory on the lines of that at Claybury, which has so amply justified the expense incurred in its establishment by the work it has produced under the able directorship of Dr. Mott ; and now that there are three large Asylums for the needs of the County, such an establishment could be run economically—yet of course it would cost money, and add to the rate of maintenance ; therefore the question inevitably arises—in the mind of the ratepayers or in that of their representatives, the Committee—What are we going to get for this money ? To this I would answer—Nothing at present. I believe the first result of increased knowledge of lunacy would not be to increase the recovery rate, which is what the lay mind looks at, but rather to diminish it. But the recoveries would probably be more worthy of that name, and the term would come to have a more precise and limited significance than at present.

I cannot hold out any certain hopes that we should even eventually cure more insane or prevent more persons from becoming insane ; all I can say is that if such things are possible, the best way of arriving at them is by the scientific route.

In my opinion we should not be asked to produce immediate and definite results from our researches. The most that should be said is that all knowledge is desirable apart from its immediate practical utility, and that it must be taken for granted that an increased knowledge of the causes and symptoms of insanity would be sufficient to justify the outlay.

The old observers who set out to find the transmutation of the base metals into gold and the elixir of life, spent endless time and money in their researches and succeeded in neither. But modern chemistry is largely the outcome of their misdirected endeavours, and it is unnecessary for me to attempt to enumerate the benefits that the present generation owes to the labours of the chemist.

The Ex-Lord Mayor, Sir Thomas Crosby, in his remarks to the meeting, spoke very disparagingly on the subject of post-mortem examinations. The impression made on my mind from his speech was that these examinations were unnecessary, and that nothing had been learnt from them. I think it is most undesirable that such an impression should get abroad without a word of protest, as there is already much difficulty in getting the consent of relatives to these examinations.

There is far too great a tendency nowadays to regard pathology as a played-out branch of science. Of course the making of post-mortems is not the be all and end all of research—no one ever supposed that it was. It is only one means of gathering knowledge of our speciality. Every means at our disposal are required, and not one can be dispensed with with profit.

We have learnt very much in the past from observations made on the tissues of dead bodies, and much still remains to be learnt.

Some, I might almost say all, the most illuminating researches in the past quarter of a century have been founded upon histological studies of human tissues which necessitate the making of autopsies.

It is also due to the examination—naked eye and microscopic—of the tissues of the insane that our conception of insanity has been broadened, so that we are not only able to affirm as Sankey did years ago that a lunatic is a lunatic to the tips of his fingers, but to produce evidence in support of this dictum. I believe that there is an anatomical basis for every case of insanity, although at present we can only discover it in a large percentage of cases.

There is no desire on my part to underestimate the value of other lines of study. It is to some of these that we shall probably be indebted for preventive and curative measures. All I desire to emphasise is that we cannot afford to dispense with a thorough knowledge of the anatomical structure of the body in health and in insanity. Doubtless in the future subtle cell changes now unrecognisable will become recognisable. At this point there is a fusion of bio-chemical with anatomical changes, but under whatever name we choose to call them, they will necessitate the making of post-mortem examinations and the histological study of the different tissues.

So many important observations are buried in Asylum records that, to rescue some at least from oblivion, I have this year added a report of some Clinico-Pathological and Pathological work done during the year.

This, I believe, will be found of use to those interested in the study of Insanity, and its usefulness would be increased if other Asylums would adopt a similar plan.

The Institution was visited by the Commissioners in Lunacy on the 20th and 27th of February.

On the 19th of June the East Anglian Branch of the British Medical Association held their annual meeting at the Asylum, when a large number of neighbouring medical men and their wives attended and visited the different wards.

In October the quarterly meeting of the Medico-Psychological Association was held here, and the president (Dr. Soutee) attended.

I greatly regret that, owing to serious illness, Sir John Roberts has not been able to attend the Asylum for some time past, but am pleased to say that at the date I write this he is much

better, and there seems a good prospect of his renewing his work on the Visiting Committee. His absence is felt as a serious loss by all with whom he works, and who are in a position to appreciate the value of his services to the Institution.

I have to thank all my colleagues for their hearty co-operation in the work of this Institution.

JOHN TURNER.

TABLE A 1.

General Table showing the movement of the Asylum Population during the year 1912.

	Certified Patients.					
	M.	F.	T.	M.	F.	T.
On the Asylum Registers, January 1st, 1912	718	1123	1841			
Total cases admitted during the year	382	371	753			
Total cases under treatment during the year				1100	1494	2594
Cases discharged or transferred during the year—						
Recovered	94	75	169			
Relieved	30	71	101			
Not improved	23	47	70			
Died during the year	176	183	359			
Total cases discharged, transferred and died during the year ..				323	376	699
On the Asylum Registers, December 31st, 1912				777	1118	1895
Average daily number on the Registers during the year.				747	1133	1880

Certified Persons (*i.e.*, separate persons in contradistinction to "cases" which may include the same individual more than once).

	M.	F.	T.
Certified under care during the year	1098	1492	2590
,, admitted ,, ,, ...	380	369	749
,, recovered ,, ,, ...	92	75	167

TABLE A 2.

Showing the Admissions, Discharges, and Deaths, with the mean Annual Mortality and Proportion of Recoveries per cent. of the Admissions for each Year since the opening of the Asylum.

Years.	Admitted.			Total No. under treatment.			Discharged.									Died.			Remaining 31st December in each year.			Average Number Resident.			Percentage of Recoveries on admissions.			Percentage of Recoveries on Direct Admissions.			Percentage of Recoveries yielded by and on the Direct Admissions			Percentage of Deaths on Average Number Resident.			Years.
							Recovered.			Relieved.			Not improved																								
From Sep. 25rd 1853, to Dec. 25th, 1912.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females	Total.	Males.	Females.	Total.	From Sept. 23rd, 1853, to Dec. 25th, 1912.
1854	204	235	439	...	...	...	20	31	51	1	1	2	1	0	1	58	20	78	124	183	307	130	173	303	9·8	13·2	11·6	...	...	...	...	..	...	44·6	11·5	25·7	1854
1855	61	68	129	...	...	...	22	28	50	2	0	2	2	0	2	20	28	48	139	195	334	129	193	322	36·0	41·1	39·5	...	...	...	...	...	...	15·5	14·5	14·9	1855
1856	70	64	134	...	...	...	29	24	53	3	3	6	1	0	1	20	18	38	159	214	370	146	207	353	41·4	37·5	38·8	...	...	...	.	..	..	13·7	8·6	10·7	1856
1857	63	85	148	...	...	...	28	32	60	2	3	5	2	0	2	21	31	52	166	233	399	158	230	388	44·4	37·6	40·5	...	...	...	...	...	...	13·2	13·5	13·4	1857
1858	64	71	135	...	...	...	39	56	75	4	4	8	1	2	3	18	20	38	168	238	406	165	230	395	60·9	50·7	55·5	...	...	...	...	..	...	10·9	10·4	10·6	1858
1859	66	72	138	...	...	...	25	41	66	5	1	6	1	6	7	26	28	54	177	242	419	174	245	419	37·8	56·9	47·8	...	..	...	...	..	...	14·9	8·1	10·9	1859
1860	64	97	161	...	...	...	20	47	67	3	1	4	2	3	5	29	23	52	187	260	447	182	256	438	31·2	48·4	41·6	...	...	...	...	...	...	16·0	10·9	13·0	1860
1861	63	77	140	...	...	...	29	46	75	1	0	1	0	2	2	23	19	42	197	270	467	190	270	460	46·0	59·7	53·5	...	...	...	...	...	...	12·0	7·0	9·1	1861
1862	66	79	139	...	...	...	26	37	63	0	2	2	2	2	4	17	22	39	212	286	498	206	277	483	43·3	45·8	45·3	..	...	...	..	..	...	8·2	7·9	8·0	1862
1863	61	91	152	...	...	...	34	38	72	0	1	1	1	3	4	24	28	52	214	307	521	213	296	509	55·7	41·7	47·3	...	...	...	...	...	...	11·3	9·4	10·2	1863
1864	78	92	170	...	...	..	28	42	70	4	1	5	1	0	1	27	38	65	232	318	550	224	307	531	35·8	45·6	41·1	...	...	...	..	..	...	12·0	12·4	12·2	1864
1865	62	88	150	...	...	..	23	60	83	1	3	4	1	1	2	33	24	57	236	318	554	231	317	548	37·0	68·1	55·3	...	...	...	...	...	...	14·2	7·5	10 4	1865
1866	73	96	169	...	...	...	36	49	85	2	3	5	1	2	3	20	37	57	250	323	573	239	324	563	49·3	51·0	50·3	...	...	...	...	...	...	8·3	11·4	10·1	1866
1867	94	109	203	..	...	..	39	62	101	3	2	5	4	2	6	45	32	77	253	334	587	258	328	586	41·4	56·8	49·7	..	...	...	...	...	...	17·7	9·7	13·2	1867
1868	76	79	155	...	...	...	36	54	90	1	3	4	0	1	1	32	16	48	260	339	599	257	337	594	47·3	68·3	58·0	...	...	...	...	...	...	12·4	4·7	8·0	1868
1869	63	80	143	...	...	...	29	47	76	1	3	4	2	1	3	30	30	60	261	338	599	256	337	593	46·0	58·7	53·1	...	...	...	...	...	...	11·7	8·9	10·1	1869
1870	96	103	199	...	...	...	29	39	68	4	1	5	1	2	3	30	25	55	292	374	666	268	347	615	30·8	37·8	34·5	...	...	...	...	...	...	10·8	7·2	8·7	1870
1871	102	101	203	...	...	...	36	49	85	3	2	5	4	0	4	47	34	81	303	390	693	295	388	683	35·2	48·5	41·8	...	..	...	...	...	...	15·9	8·7	11·8	1871
1872	95	107	202	...	...	...	36	46	82	5	10	15	0	1	1	32	34	66	325	406	731	313	397	710	37·8	42·9	40·5	...	...	...	...	...	...	10·2	8·5	9·2	1872
1873	109	117	226	...	...	...	39	39	78	1	8	9	1	2	3	52	36	88	341	438	779	333	416	749	32·7	33·3	34·5	...	...	...	...	..	...	15·6	8·6	11·7	1873
1874	79	98	177	...	..	...	29	51	80	5	1	6	14	4	18	25	30	55	348	450	798	348	442	790	36·7	52·0	45·1	...	...	...	...	...	...	7·1	6·7	6·9	1874
1875	87	80	167	...	...	...	26	45	71	2	2	4	9	2	11	45	31	76	353	450	803	355	452	807	29·8	56·2	42·5	...	.	...	...	...	...	12·6	6·8	9·4	1875
1876	92	127	219	...	...	...	39	39	78	0	0	0	0	2	2	36	48	84	370	488	858	363	476	839	42·3	39·7	35·6	...	...	...	.	...	...	9·9	10·0	10·0	1876
1877	99	121	220	.	...	...	25	45	70	0	0	0	41	28	69	38	40	78	365	496	861	366	495	861	20·7	37·1	31·8	...	...	...	...	...	.	10·3	8·0	9·0	1877
1878	134	142	276	..	...	...	55	61	116	3	2	5	54	44	78	47	36	83	360	495	855	359	493	852	41·4	42·9	42·2	...	...	...	...	...	...	13·9	7·3	9·7	1878
1879	154	140	294	...	...	...	43	81	124	6	2	8	4	8	12	61	37	98	400	507	907	381	496	877	27·8	57·8	42·1	...	...	...	...	...	...	15·9	7·4	11·1	1879
1880	121	140	261	...	...	...	53	64	117	7	8	15	15	4	19	45	40	85	401	531	932	406	512	918	43·8	46·7	44·7	...	...	...	...	...	...	11·0	7·8	9·2	1880
1881	146	134	280	..	...	...	47	73	120	3	11	14	25	31	56	70	29	99	402	521	923	398	524	922	34·9	54·4	40·2	...	..	...	...	...	...	17·5	5·5	10·7	1881
1882	137	147	284	...	...	...	59	63	122	2	12	14	20	25	45	51	35	86	407	543	950	419	539	958	43·0	42·8	42·9	...	...	...	...	...	...	12·1	6·4	8·6	1882
1883	133	151	284	...	..	...	56	70	126	5	9	14	7	17	24	65	43	108	407	545	952	409	540	949	42·1	46·3	44·3	...	...	...	...	...	...	15·8	7·9	11·3	1883
1884	143	164	307	...	...	...	58	68	126	5	10	15	18	77	95	55	36	91	414	518	932	413	532	945	40·5	41·4	41·0	...	...	...	...	..	...	13·3	6·7	9·5	1884
1885	133	161	294	...	...	...	60	66	126	10	25	35	22	33	55	60	40	100	395	515	910	409	524	933	45·1	40·9	42·8	...	...	...	...	...	...	14·6	7·6	10·7	1885
1886	154	192	346	...	...	...	47	70	117	4	15	19	44	47	91	60	49	109	394	526	920	385	506	891	30·5	36·4	33·8	...	...	...	...	...	...	15·4	9·6	12·2	1886
1887	186	189	375	...	...	...	75	91	166	8	10	18	15	31	46	72	51	123	410	532	942	393	529	922	40·3	48·1	44·2	...	...	...	...	...	...	18·0	9·6	13·2	1887
1888	248	340	588	...	...	.	88	96	184	6	7	13	14	16	30	55	43	98	495	710	1205	409	545	954	35·4	28·2	31·2	...	...	...	...	...	...	13·4	7·8	10·2	1888
1889	242	306	548	...	...	..	90	110	200	5	11	16	46	58	104	76	56	132	520	781	1301	510	751	1261	37·1	35·9	36·4	...	...	...	...	...	...	14·6	7·1	10·4	1889
1890	282	245	527	...	...	...	107	102	209	8	15	23	12	21	33	106	81	187	569	807	1376	576	800	1376	37·9	41·6	39·6	..	...	...	...	...	...	18·6	10·1	13·6	1890
1891	233	247	480	...	...	...	138	102	240	7	26	33	7	28	35	85	79	164	565	819	1384	557	807	1364	59·2	41·3	50·0	...	...	...	...	...	...	15·2	9·7	12·0	1891
1892	261	249	510	...	...	...	131	107	238	8	28	36	48	16	64	75	74	149	564	843	1407	562	831	1393	50·2	42·9	46·6	...	...	...	...	...	...	10·3	8·9	10·6	1892
1893	222	278	500	...	...	...	122	123	245	8	27	35	26	12	38	76	67	153	554	882	1436	574	875	1449	54·9	44·2	49·0	...	...	...	...	...	...	13·2	8·8	10·6	1893
1894	238	297	535	...	...	...	86	133	219	4	17	21	6	63	69	87	59	146	609	907	1516	573	899	1472	36·1	44·7	40·9	...	...	...	...	...	...	15·1	6·5	9·9	1894
1895	263	285	548	...	...	...	94	120	214	14	32	46	32	51	83	104	79	183	628	910	1538	614	910	1524	35·7	42·1	39·0	...	...	...	..	...	...	16·9	8·6	12·0	1895
1896	321	323	644	...	...	...	144	100	244	8	37	45	17	12	29	107	74	181	673	1010	1683	664	965	1629	44·8	30·9	37·8	...	...	...	...	...	...	16·1	7·6	11·1	1896
1897	340	378	718	...	...	...	164	134	298	6	43	49	10	8	18	128	87	215	705	1116	1821	690	1069	1759	48·2	35·4	41·5	.	...	...	...	...	...	18·5	8·1	11·8	1897
1898	399	390	789	...	...	...	137	157	294	13	57	70	93	16	109	112	104	216	749	1172	1921	686	1139	1825	34·3	40·2	37·2	...	...	...	...	...	...	16·3	9·1	11·8	1898
1899	381	411	792	...	...	...	154	134	288	7	65	72	10	16	26	165	115	280	794	1253	2047	759	1223	1983	40·4	32·6	36·3	...	...	...	...	...	...	21·7	9·4	14·1	1899
1900	386	401	787	...	..	...	124	152	276	9	57	66	60	31	91	178	142	320	809	1272	2081	793	1248	2041	32·1	37·9	35·0	...	...	...	...	...	...	22·4	11·3	15·3	1900
1901	428	479	907	...	...	...	133	166	299	12	48	60	265	375	640	162	129	291	665	1033	1698	759	1228	1987	31·0	34·6	32·9	...	...	...	...	...	...	21·3	10·5	14·6	1901
1902	330	353	683	...	...	...	150	142	292	6	37	43	7	14	21	116	88	204	716	1105	1821	689	1072	1761	45·4	40·2	42·7	..	...	...	..	..	...	16·8	8·2	11·2	1902
1903	316	401	717	...	...	...	121	140	261	11	56	67	51	75	126	123	93	216	726	1142	1868	697	1143	1840	38·2	34·9	36·4	...	...	...	...	...	...	18·3	8·1	11·7	1903
1904	344	422	766	...	...	...	142	134	276	16	48	64	103	158	261	143	127	270	666	1097	1763	684	1116	1800	41·2	31·7	36·0	...	...	..	...	...	...	20·9	11·3	15·0	1904
1905	323	380	703	...	..		101	117	218	17	66	83	33	32	65	112	96	208	726	1166	1892	693	1143	1836	31·2	30·8	31·1	...	...	...	...	...	...	19·1	8·4	11·3	1905
1906	329	409	738	...	...	...	110	148	258	14	74	88	132	176	308	135	121	256	664	1056	1720	645	1078	1723	33·4	36·6	34·9	...	...	...	...	...	...	20·9	11·2	14·8	1906
1907	309	372	681	...	...	...	115	128	243	14	53	67	43	43	86	121	102	223	681	1101	1782	664	1095	1759	37·2	34·7	35·6	...	...	...	...	...	...	18·2	9·3	12·6	1907
1908	267	377	644	...	...	...	94	92	186	10	82	92	24	79	103	140	113	253	680	1112	1792	665	1114	1779	35·2	24·4	28 88	...	...	...	...	...	...	21·05	10·14	14·22	1908
1909	327	378	705	1007	1490	2497	91	106	197	12	53	65	66	95	161	116	125	241	722	1111	1833	711	1120	1831	27·83	28·04	27·94	33·95	32·81	33·33	30·00	30·43	30·22	16·70	11·16	13·10	1909
1910	324	379	703	1046	1490	2536	86	118	204	28	73	101	60	55	115	139	102	241	733	1142	1875	725	1131	1856	26·54	31·13	29·02	30.28	33·42	32·04	28·52	30·09	29·98	19·17	9·01	12·98	1910
1911	310	397	707	1043	1539	2582	62	74	136	30	44	74	98	140	238	135	158	293	718	1123	1841	738	1146	1884	20·00	18·64	19·24	21·98	20·18	20·95	20·00	18·53	19·26	18·29	13·78	15·55	1911
1912	**382**	**371**	**753**	**1100**	**1494**	**2594**	**94**	**75**	**169**	**30**	**71**	**101**	**23**	**47**	**70**	**176**	**183**	**359**	**777**	**1118**	**1895**	**747**	**1133**	**1880**	**24·60**	**20·22**	**22·44**	**28.31**	**22·05**	**25·14**	**26·51**	**20·59**	**23·51**	**23·56**	**16·15**	**19·09**	**1912**

TABLE B 1.

Analysis of the Admissions during the year 1912 (excluding Voluntary Boarders).

Classes of Admissions.	Congenital.			Acquired.									Total.		
				First attack.			Not first attack.			Unknown whether first attack or not.					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Direct	36	31	67	231	232	463	59	70	129	6	7	13	332	340	672
Indirect { Transfers ..	4	2	6	33	21	54	9	5	14	3	1	4	49	29	78
Indirect { Statutory re-admission ..	..	..	..	..	2	2	..	..	..	1	..	1	1	2	3
Total admissions ..	40	33	73	264	255	519	68	75	143	10	8	18	382	371	753

TABLE B 2.

Showing the duration of the present attack of Mental Disorder on Admission in the Direct Admissions during the year 1912, and stating (in those not congenital) whether First Attack or not (Voluntary Boarders excluded).

Duration of Mental Disorder prior to Admission.	Direct Admissions.											
	First attack.			Not first attack.			Unknown whether first attack or not.			Total.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Less than 2 weeks	60	20	80	22	13	35	1	2	3	83	35	118
2 weeks and less than 1 month ..	30	8	38	4	13	17	..	2	2	34	23	57
1 month ,, 3 months ..	45	33	78	18	21	39	..	2	2	63	56	119
3 months ,, 6 ,, ..	16	27	43	3	9	12	..	..	..	19	36	55
6 ,, ,, 9 ,, ..	19	31	50	5	3	8	..	..	..	24	34	58
9 ,, ,, 12 ,, ..	6	4	10	1	1	2	..	..	..	7	5	12
12 ,, ,, 18 ,, ..	19	25	44	1	3	4	..	..	..	20	28	48
18 ,, ,, 2 years ..	9	3	12	..	1	1	..	..	..	9	4	13
2 years ,, 3 ,, ..	11	18	29	5	2	7	..	..	..	16	20	36
3 ,, ,, 5 ,, ..	7	14	21	..	1	1	..	..	..	7	15	22
5 ,, ,, 10 ,, ..	5	34	39	..	2	2	..	1	1	5	37	42
10 ,, ,, 15 ,, ..	..	15	15	..	..	..	..	..	..	..	15	15
Over 15 years	..	..	..	..	..	..	..	..	..	..	..	..
Duration unknown	4	..	4	..	1	1	5	..	5	9	1	10
Congenital cases	..			..			..			36	31	67
Totals ..	231	232	463	59	70	129	6	7	13	332	340	672

TABLE B 3.

Showing the Ages and Civil State on Admission, in the Admissions, Direct and Transfers grouped together, and in the Congenital Cases of the Direct Admissions. (Voluntary Boarders excluded.)

| Classes of Admissions. | Ages on Admission. | | |

TABLE B 4.

Showing in the Direct Admissions during the year 1912, excluding the Congenital Cases and the cases "Unknown whether First Attack or not"—(*a*) The age at commencement of the Present Attack of mental disorder in both the First-Attack and Not-First Attack cases, respectively arranged according to their civil state; (*b*) The age on First-Attack in the Not-First-Attack cases; and (*c*) A statement of the number of Previous Attacks in the Not-First-Attacks, known to have been treated to recovery in an institution or elsewhere. (Voluntary Boarders excluded).

	Civil State.	Ages in Quinquennial Periods.																																										Totals.		
		Less than 10 years of age.			10—14.			15—19.			20—24.			25—29.			30—34.			35—39.			40—44.			45—49.			50—54.			55—59.			60—64.			65—69.			70—74.			75—79.			80—84.			85—89.			Age unknown.					
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
First-Attack Cases. The ages at Commencement of the Present Attack.	Single	1	..	1	2	1	3	6	14	20	18	16	34	18	10	28	11	5	16	9	7	16	6	6	12	6	3	9	3	3	6	1	6	7	2	3	5	3	1	4	2	1	3	1	..	1	..	1	1	..	..	..	..	..	..	89	77	166
	Married	..	..	..	..	..	..	..	1	1	..	2	2	2	15	17	11	17	28	18	11	29	21	13	34	18	20	38	16	8	24	12	3	15	12	6	18	3	9	12	7	6	13	2	5	7	2	1	3	..	..	..	..	..	..	124	117	241
	Widowed	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	1	2	3	..	5	5	1	1	2	2	6	8	..	3	3	4	2	6	2	..	2	1	11	12	3	5	8	..	2	2	1	..	1	..	..	..	16	38	54
	Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
	Totals	1	..	1	2	1	3	6	15	21	18	18	36	20	25	45	23	23	46	29	20	49	27	24	51	25	24	49	21	17	38	13	12	25	18	11	29	8	10	18	11	18	29	6	10	16	2	4	6	1	..	1	..	..	..	231	232	463
Not-First-Attack Cases. The ages at Commencement of the Present Attack.	Single	..	..	..	..	..	..	..	..	..	5	3	8	2	6	8	3	6	9	2	1	3	..	2	2	1	1	7	..	2	2	2	3	5	2	..	2	..	1	1	..	2	2	..	..	..	..	..	..	..	..	..	..	..	17	27	44
	Married	..	..	..	..	..	..	..	..	..	..	1	1	1	2	3	1	4	5	2	5	7	11	6	17	6	5	11	9	3	12	4	2	6	2	1	3	..	4	4	..	1	1	1	..	1	..	..	..	..	..	..	..	..	..	37	34	71
	Widowed	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1	..	1	1	1	2	3	..	4	4	..	1	1	1	..	1	1	..	1	..	..	..	..	..	..	5	8	13
	Unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
	Totals	..	..	..	..	..	..	..	..	..	5	4	9	3	8	11	4	10	14	4	6	10	12	8	20	7	6	13	10	5	15	6	6	12	5	3	8	..	9	9	..	5	5	2	..	2	1	..	1	..	..	..	..	..	..	59	70	129
	Totals of First-Attack & Not First-Attack Cases	1	..	1	2	1	3	6	15	21	23	22	45	23	33	56	27	33	60	33	26	59	39	32	71	32	30	62	31	22	53	19	18	37	23	14	37	8	19	27	11	23	34	8	10	18	3	4	7	1	..	1	..	..	..	290	302	592
	The Ages on First-Attack in the Not-First-Attack Cases	..	..	..	..	1	1	2	8	10	7	13	20	6	11	17	5	1	6	8	11	19	12	5	17	5	3	8	5	7	12	2	..	2	1	..	1	..	1	1	..	..	..	2	..	2	..	..	..	..	..	..	4	9	13	59	70	129

Number of Previous Attacks, in the Not-First-Attack Direct Admissions, known to have been treated to recovery in an Institution or elsewhere.

	M.	F.	T.
Have had 1 previous attack	46	41	87
Have had 2 previous attacks	8	15	23
Have had 3 or more previous attacks	5	14	19
Not the first attack, but number of previous attacks unknown	..	..	..

Showing the Form of Mental Disorder on admission in the Direct Admissions and Transfers during the year 1912. (Voluntary Boarders excluded.)

Forms of Mental Disorder		Direct admissions.			Transfers.			Total.		
		M.	F.	T.	M.	F.	T.	M.	F.	T.
Congenital or infantile mental deficiency (idiocy or imbecility) occurring as early in life as it can be observed.	1. Intellectual { *a.* With epilepsy	16	13	29	1	1	2	17	14	31
	1. Intellectual { *b.* Without epilepsy ..	20	18	38	3	3	4	23	19	42
	2. Moral	1	..	1	..	..	..	1	..	1
Insanity occurring later in life.	1. Insanity with epilepsy	22	6	28	5	..	5	27	6	33
	2. General paralysis of the insane	49	8	57	4	1	5	53	9	62
	3. Insanity with grosser brain lesions ..	17	5	22	1	2	3	18	7	25
	4. Acute delirium	3	8	11	..	..	..	3	8	11
	5. Confusional insanity	44	24	68	4	..	4	48	24	72
	6. Stupor	..	2	2	..	2	2	..	4	4
	7. Primary dementia	40	36	76	6	5	11	46	41	87
	8. Mania { *a.* Recent	17	15	32	..	..	..	17	15	32
	8. Mania { *b.* Chronic	..	2	2	2	1	3	2	3	5
	8. Mania { *c.* Recurrent	..	18	18	..	1	1	..	19	19
	9. Melancholia { *a.* Recent	42	33	75	..	2	2	42	35	77
	9. Melancholia { *b.* Chronic	8	12	20	1	3	4	9	15	24
	9. Melancholia { *c.* Recurrent	..	16	16	..	..	..	..	16	16
	10. Alternating insanity	..	2	2	..	..	..	..	2	2
	11. Delusional insanity { *a.* Systematised ..	34	26	60	7	2	9	41	28	69
	11. Delusional insanity { *b.* Non-systematised	..	37	37	..	7	7	..	44	44
	12. Volitional insanity { *a.* Impulse ..	..	..	..	..	..	..	..	..	..
	12. Volitional insanity { *b.* Obsession ..	..	1	1	..	..	..	..	1	1
	12. Volitional insanity { *c.* Doubt	..	..	..	..	..	..	..	..	..
	13. Moral insanity	1	..	1	..	..	..	1	..	1
	14. Dementia { *a.* Senile	14	46	60	1	2	3	15	48	63
	14. Dementia { *b.* Secondary	4	12	16	15	1	16	19	13	32
Totals		332	340	672	50	31	81	382	371	753

TABLE B 6.

Showing the Occupations of the Direct Admissions, excluding the Congenital Cases, during the year 1912, distinguishing between First-Attack Cases, Not-First-Attack Cases, and Cases Unknown-whether-First-Attack-or-not ; and, in respect of the First-Attack Cases, arranged according to the age at Commencement of the Mental Disorder. (Voluntary Boarders excluded.)

Symbol.			Name of Occupations.	First Attack Cases.																				
				Age at commencement of the Mental Disorder.									Total.			Not-First-Attack Cases.			Unknown-whether-First-Attack-on-not.			Total Direct Admission, excluding Congenital Cases.		
Group.	Sub-Group.	Sub-division.		10—14.	15—19.	20—24.	25—34.	35—44.	45—54.	55—64.	65—74.	75 and upwards	Not known.											
														M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
A	a	1	Custom House Officer	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
A	a	2	Postmen	..	..	1	1	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2
A	b	1	Police Constable	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
A	b	2	Latrine Attendant	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
B	b	1	Master Mariners	..	..	..	..	..	2	..	1	..	..	3	..	3	1	..	1	..	..	..	4	..	4
B	b	2	Soldiers	..	..	2	..	..	..	..	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2
C	b	2	Solicitor's Clerk	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
C	d	1	School Teachers	..	..	..	..	1	..	..	..	..	..	1	..	1	..	1	1	..	..	..	1	1	2
C	d	2	Teacher of Shorthand	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
C	e	1	Editor	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
C	e	3	Clerk in Holy Orders	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
C	f	1	Engineers	..	..	..	1	1	..	..	..	1	..	3	..	3	..	..	..	..	..	..	3	..	3
C	f	2	Architect and Surveyor	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
C	g	4	Musician	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
C	g	6	Artist	..	..	1	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
D	a	1	Waiters	..	1	..	..	1	..	..	..	..	..	2	..	2	..	1	1	..	..	..	2	1	3
D	a	2	Domestic Servants	..	6	9	8	8	5	2	3	1	..	1	41	42	1	14	15	..	..	..	2	55	57
D	c	5	Charwomen	..	..	..	..	1	1	2	..	..	..	..	4	4	..	..	..	..	1	1	..	5	5
D	c	6	Laundresses	..	..	..	..	1	..	1	..	..	..	..	2	2	..	..	..	..	..	..	..	2	2
E	a	4	Commercial Travellers	..	..	..	..	1	1	..	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2
E	a	5	Accountant	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
E	b	1	Clerks	..	2	1	4	7	4	1	..	..	..	16	3	19	7	2	9	1	..	1	24	5	29
E	a	2	Insurance Agent	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
F	a	1	Marine Steward	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
F	a	8	Railway Porter	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
F	b	2	Coachmen	..	..	..	..	..	..	1	3	..	..	4	..	4	..	..	..	..	..	..	4	..	4
F	b	3	Carmen	..	..	..	1	1	2	1	..	..	..	5	..	5	1	..	1	..	..	..	6	..	6
F	b	6	Chauffeur	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
F	c	1	Seamen	..	..	2	2	2	1	..	..	..	..	7	..	7	1	..	1	1	..	1	9	..	9
F	d	1	Dock Labourers	..	..	..	1	1	..	1	..	..	..	3	..	3	1	..	1	1	..	1	5	..	5
F	e	1	Packer	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
F	e	3	Porters	..	..	..	..	1	..	..	..	..	..	1	..	1	1	..	1	..	..	..	2	..	2
F	e	4	Telegraphist	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
G	a	1	Farmers	..	..	..	..	..	..	..	2	..	..	2	..	2	..	..	..	..	..	..	2	..	2
G	a	7	Farm Labourers	..	..	1	4	1	4	2	4	2	..	17	1	18	4	1	5	..	..	..	21	2	23
G	a	9	Gardeners	..	..	2	1	1	..	3	2	..	..	9	..	9	..	..	..	..	..	..	9	..	9
H	a	1	Dredgerman	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
I	a	12	Coal Dealer	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
I	b	1	Stone Sawyer	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
K	c	1	Pattern Moulders	..	..	1	..	1	..	..	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2
K	c	5	Blacksmith's Striker	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
K	c	6	Fitters	..	..	..	1	..	..	..	1	..	..	2	..	2	..	..	..	..	..	..	2	..	2
K	c	10	Boiler Maker	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
K	g	12	Tinsmith	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
K	h	5	Boat Builders	..	..	..	..	..	1	..	..	..	..	1	..	1	1	..	1	..	..	..	2	..	2
K	i	4	Wheelwright	.	..	..	..	1	1	..	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2
L	b	3	Electrician	.	..	..	..	1	..	..	..	..	..	1	..	1	1	..	1	..	..	..	2	..	2
M	a	2	Builders' Labourers	..	..	..	1	..	..	1	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2
M	a	3	Carpenters	..	..	1	..	..	..	1	1	..	..	3	..	3	..	..	..	..	..	..	3	..	3
M	a	4	Bricklayers	..	..	..	..	..	..	1	..	..	..	1	..	1	1	..	1	..	..	..	2	..	2
M	a	5	Bricklayer's Labourers	..	..	..	..	1	2	..	..	..	..	3	..	3	..	..	..	..	..	..	3	..	3
M	a	12	Painters	..	..	..	1	..	2	..	..	..	..	3	..	3	4	..	4	..	..	..	7	..	7
M	a	13	Plumber	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
N	a	1	Cabinet Makers	..	..	..	1	1	..	..	..	..	..	2	..	2	..	..	..	..	..	..	2	..	2
N	a	7	Chair Maker	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
N	b	8	Firewood Dealer	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
N	a	2	French Polisher	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
P	b	1	Xylonite Worker	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
P	c	4	Chemist's Assistant	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
Q	a	1	Furriers	..	..	1	1	..	..	..	..	..	..	1	1	2	..	..	..	..	..	..	1	1	2
Q	a	2	Feather Sorter	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
R	b	1	Printer's Labourer	..	..	..	2	2	..	..	..	..	..	4	..	4	..	..	..	..	..	..	4	..	4
S	e	5	Carpet Planner	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
S	e	8	Factory Hand	..	1	2	..	1	1	..	..	..	..	1	4	5	..	..	..	..	..	..	1	4	5
T	g	1	Draper	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	3	..	..	..	3	..	3
T	a	5	Milliners	..	2	..	..	2	..	..	..	..	..	..	4	4	..	..	..	..	..	..	..	4	4
T	a	7	Tailors	..	..	..	..	..	..	..	..	1	..	1	..	1	1	..	1	..	..	..	2	..	2
T	a	11	Seamstresses	..	..	..	1	1	..	1	..	..	..	..	3	3	..	..	..	..	..	..	..	3	3
T	a	14	Tie Cutter	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	.	1	..	1
T	a	15	Boot Repairers	..	..	..	..	1	..	..	..	1	..	2	..	2	2	..	2	..	..	..	4	..	4
T	a	20	Hair Dresser	..	..	..	..	1	..	..	..	..	..	1	..	1	1	..	1	..	..	..	2	..	2
T	a	9	Dressmaker	..	..	..	..	1	..	..	..	..	..	..	1	1	..	1	1	..	..	..	..	2	2
T	a	8	Clothier and Outfitter	..	..	..	..	..	..	1	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1
V	a	2	Milk Carrier	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
V	a	4	Provision Dealer	..	..	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
V	a	6	Butchers	..	..	..	1	2	..	1	..	..	..	4	..	4	2	..	2	..	..	..	6	..	6
V	a	8	Poulterers	..	..	..	2	..	1	..	..	..	..	2	1	3	..	..	..	..	..	..	2	1	3
V	a	9	Miller's Foreman	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
V	a	12	Bakers	..	..	..	2	..	..	..	1	..	..	3	..	3	2	..	2	..	..	..	5	..	5
V	a	16	Grocer's Assistant	..	..	1	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
V	a	17	Greengrocer's Assistant	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
V	a	18	Aerated Water Bottler	..	..	..	1	..	..	.	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1
V	d	2	Boarding House Keeper	..	..	..	..	1	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1
V	d	5	Barmen	..	..	..	2	2	..	1	..	..	..	4	1	5	1	..	1	..	..	..	5	1	6
V	d	7	Wine Merchant	..	..	..	..	..	..	1	..	..	..	1	.	1	..	..	..	..	..	..	1	..	1
W	a	1	Gas Works Labourer	..	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	1
X	b	5	Chimney Sweep	..	..	..	..	..	..	..	1	..	..	1	..	1	..	..	..	..	..	..	1	..	1
X	c	1	Shopkeeper	..	..	..	..	..	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	1	1
X	d	3	Hawkers	..	1	1	..	2	..	..	..	..	..	3	1	4	1	..	1	..	..	..	4	1	5
X	d	1	Labourers	..	1	5	4	7	10	7	2	..	..	36	..	36	12	..	12	2	..	2	50	..	50
X	d	2	Firemen	..	..	..	1	..	..	..	..	..	..	1	..	1	1	..	1	..	..	..	2	..	2
X	d	3	Mechanic	..	1	..	..	1	..	..	..	..	..	2	..	2	..	..	..	..	.	..	2	..	2
Y	a	1	Retired Brickmaker	..	..	..	..	..	..	..	1	..	..	1	..	1	..	..	..	..	..	..	1	..	1
Y	a	2	Pensioners	..	..	..	..	..	1	2	1	2	..	4	2	6	2	..	2	..	..	..	6	2	8
Y	a	4	No occupation	5	6	6	21	15	18	16	18	9	..	24	90	114	2	29	31	1	5	6	27	124	151
Y	a	4	Housewives	1	2	18	15	20	3	8	2	..	..	..	69	69	..	21	21	..	1	1	..	91	91
			Totals	..	..	..	..	..	..	..	..	..	..	231	232	463	59	70	129	6	7	13	296	309	605

N.B.—It is not intended that all the groups and sub-groups should appear in each Asylum's Table, but only such as are represented by individual occupations among the cases under Report.

TABLE B 7.—ÆTIOLOGICAL.

Showing the Ætiological Factors and Associated Conditions assigned in the Direct Admissions during the year 1912, distinguishing between cases—Congenital, First-Attack, Not-First-Attack, and Unknown-whether-First-Attack-or-Not. (Voluntary Boarders excluded).

ÆTIOLOGICAL FACTORS AND ASSOCIATED CONDITIONS.	Congenital Cases.									First-Attack Cases.									Not-First-Attack Cases.									Cases Unknown-whether-First-Attack-or-not.									Total Direct Admissions.								
	Principal. Instances where regarded as the essential or chief factor. *			Contributory. Instances where regarded as a contributory factor or associated condition. †			Total Incidence.			Principal. Instances where regarded as the essential or chief factor. *			Contributory. Instances where regarded as a contributory factor or associated condition. †			Total Incidence. §			Principal. Instances where regarded as the essential or chief factor. *			Contributory. Instances where regarded as a contributory factor or associated condition. †			Total Incidence.			Principal. Instances where regarded as the essential or chief factor. *			Contributory. Instances where regarded as a contributory factor or associated condition. †			Total Incidence.			Total Principal. Total instances where regarded as the essential or chief factor.			Total Contributory. Total instances where regarded as contributory factor or associated condition.			Grand Total Incidence.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
A. Heredity (excluding cousins, nephews, nieces, and offspring).	..	..	..	8	13	21	8	13	21	..	..	..	32	56	88	32	56	88	..	..	..	16	34	50	16	34	50	..	..	..	..	..	..	..	..	..	..	..	..	56	103	159	56	103	159
1. Insane	..	..	..	3	1	4	3	1	4	..	..	..	2	2	4	2	2	4	..	..	..	3	3	6	3	3	6	..	..	..	..	..	..	..	..	..	..	..	..	8	6	14	8	6	14
2. Epileptic	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Neurotic (including only Hysteria, Neurasthenia, Spasmodic (Idiopathic) Asthma, and Chorea)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Eccentricity (in marked degree)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	16	36	20	16	36
5. Alcoholism	..	..	..	2	4	6	2	4	6	..	..	..	12	11	23	12	11	23	..	..	..	6	1	7	6	1	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
B. Mental Instability, as revealed by																																												
1. Congenital Mental Defect, not amounting to Imbecility	..	..	..	..	..	..	..	..	..	..	..	..	1	17	18	1	17	18	..	..	..	4	4	8	4	4	8	..	..	..	..	1	1	..	..	..	..	..	..	5	22	27	5	22	27
C. Deprivation of Special Sense.																																												
1. Hearing	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Sight	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
D. Critical Periods.																																												
1. Puberty and Adolescence	..	..	..	..	..	..	..	..	..	..	..	..	..	22	22	..	22	22	..	..	..	..	6	6	..	6	6	..	..	..	..	..	..	..	..	..	..	..	..	..	28	28	..	28	28
2. Climacteric	..	..	..	..	..	..	..	..	..	..	..	..	..	16	16	..	16	16	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	17	17	..	17	17
3. Senility	..	..	..	..	..	..	..	..	..	..	..	..	12	44	56	12	44	56	..	..	..	3	9	12	3	9	12	..	..	..	..	1	1	..	..	..	..	..	..	15	54	69	15	54	69
E. Child-Bearing.																																												
1. Pregnancy	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	3	3	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4	..	4	4
2. Puerperal State (not septic)	..	..	..	..	..	..	..	..	..	..	..	..	..	9	9	..	9	9	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	10	10	..	10	10
3. Lactation	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4	..	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4	..	4	4
F. Mental Stress.																																												
1. Sudden	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	2	2
2. Prolonged	..	..	..	..	..	..	..	..	..	21	..	21	1	2	3	22	2	24	7	..	7	..	2	2	7	2	9	..	..	..	..	..	..	28	..	28	1	4	5	29	4	33			
G. Physiological Defects and Errors.																																												
1. Malnutrition in early life (signs of Rickets, &c.)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Privation and Starvation	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1
3. Over-exertion (physical)	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
H. Toxic.																																												
1. Alcohol	..	..	..	..	..	..	..	..	..	30	..	30	18	30	48	48	30	78	16	..	16	3	6	9	19	6	25	..	..	..	..	..	..	..	..	..	46	..	46	21	36	57	67	36	103
2. Drug habit (morphia, cocaine, &c.)	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
3. Lead and other such poisons	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1
4. Tuberculosis	..	..	..	..	..	..	..	..	..	1	..	1	1	..	2	2	..	2	1	..	1	1	1	2	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	1	2	3	1	4	
5. Influenza	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1
6. Other Specific Fevers	..	..	..	..	..	..	..	..	..	16	..	16	3	..	3	19	..	19	4	..	4	2	..	2	6	..	6	1	..	1	..	..	..	1	..	1	21	..	21	5	..	5	26	..	26
†7. Syphilis, acquired	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
‡8. Syphilis, congenital	..	..	..	..	2	2	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	2	2
I. Traumatic.																																													
1. Injuries	..	..	..	..	..	..	..	..	..	1	..	1	..	1	1	1	1	2	1	..	1	1	..	1	2	..	2	..	..	..	..	..	..	..	..	..	2	..	2	1	1	2	3	1	4
2. Operations	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1
3. Sunstroke	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
K. Diseases of the Nervous System.																																												
1. Lesions of Brain	1	..	1	1	..	1	2	..	2	14	..	14	..	..	..	14	..	14	..	..	..	..	1	1	..	1	1	1	..	1	..	..	..	1	..	1	16	..	16	1	1	2	17	1	18
2. Lesions of Spinal Cord and Nerves	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Epilepsy	..	..	..	..	..	..	..	..	..	15	..	15	..	3	3	15	3	18	1	..	1	..	1	1	1	1	2	..	..	..	..	..	..	..	..	..	16	..	16	..	4	4	16	4	20
4. Other defined Neuroses (limited to Hysteria, Neurasthenia, Spasmodic Asthma, and Chorea)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
L. Other Bodily Affections.																																												
1. Hæmopoietic System (Anæmia, &c.)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Cardio-vascular degeneration	..	..	..	..	..	..	..	..	..	..	..	..	..	7	7	..	7	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	7	..	7	7
3. Valvular Heart Disease	..	..	..	..	..	..	..	..	..	..	..	..	..	5	5	..	5	5	..	..	..	..	3	3	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	8	..	8	8
4. Renal and Vesical System	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1
5. Other General Affections, not included above (*e.g.*, Diabetes, Myxœdema, &c.	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
M. Cases in which no Principal Factor could with certainty be assigned, but in which one or more factors were ascertained, and were returned as contributory	14	16	30							49	184	233							18	54	72							..	3	3							81	257	338						
N. None Assignable, notwithstanding full History and Observation	11	4	15							40	33	73							10	8	18							..	..	..							61	45	106						
O. None Ascertained, History defective	10	11	21							40	15	55							1	8	9							4	4	8							55	38	93						
Totals	36	31	67	{ Total Congenital cases.						231	232	463	{ Total First-Attack Cases.						59	70	129	{ Total Not-First-Attack cases.						6	7	13	{ Total cases Unknown-whether-First-Attack-or-not.						332	340	672	{ Total Direct Admissions.					

* One entry, and one only, has been made in these columns for each case recorded in them ; thus the totals of these columns will equal the number of cases belonging to that particular class.
† As several factors will have sometimes been entered in these columns in respect of one case, and, on the other hand, there may have been none to enter, no attempt should be made to totalise these columns
‡ All cases believed to have suffered, at any time in their lives, from Syphilis have been entered.
§ The figures in this column, as far as the end of Group L, should be repeated in Table B 8 in the column similarly marked.

TABLE B 8.—ÆTIOLOGICAL.

Showing, in respect of the First-Attack Cases of the Direct Admissions during the year 1912, the full correlation existing between the various Ætiological Factors and Associated Conditions assigned. (Voluntary Boarders excluded.)

The total number of instances any two given factors were associated together, and the number of factors found associated with any given factor, in the First-Attack cases of the Direct Admissions.

ÆTIOLOGICAL FACTORS AND ASSOCIATED CONDITIONS.	Total Incidence of the various Factors among the First-Attack Cases of the Direct Admissions. §	A. Heredity. 1. Insane.	A. Heredity. 2. Epileptic.	A. Heredity. 3. Neurotic.	A. Heredity. 4. Eccentricity.	A. Heredity. 5. Alcoholism.	B. Mental Instability. 1. Moral deficiency.	B. Mental Instability. 2. Congenital Mental deficiency, not amounting to imbecility.	B. Mental Instability. 3. Eccentricity.	C. Deprivation of Special Sense. 1. Smell or Taste.	C. Deprivation of Special Sense. 2. Hearing.	C. Deprivation of Special Sense. 3. Sight.	D. Critical Periods. 1. Puberty and Adolescence.	D. Critical Periods. 2. Climacteric.	D. Critical Periods. 3. Senility.	E. Child Bearing. 1. Pregnancy.	E. Child Bearing. 2. Puerperal State (not Septic).	E. Child Bearing. 3. Lactation.	F. Mental Stress. 1. Sudden.	F. Mental Stress. 2. Prolonged.	G. Physiological Defects and Errors. 1. Malnutrition in early life.	G. Physiological Defects and Errors. 2. Privation and Starvation.	G. Physiological Defects and Errors. 3. Over-exertion (Physical).	G. Physiological Defects and Errors. 4. Masturbation.	G. Physiological Defects and Errors. 5. Sexual Excess.	H. Toxic. 1. Alcohol.	H. Toxic. 2. Drug Habit.	H. Toxic. 3. Lead, &c.	H. Toxic. 4. Tuberculosis.	H. Toxic. 5. Influenza.	H. Toxic. 6. Puerperal Sepsis	H. Toxic. 7. Other Specific Fevers.	H. Toxic. 8. Syphilis, acquired.	H. Toxic. 9. Syphilis, congenital.	H. Toxic. 10 Other Toxins.	I. Traumatic. 1. Injuries.	I. Traumatic. 2. Operations.	I. Traumatic. 3. Sunstroke.	K. Diseases of Nervous System. 1. Lesions of Brain.	K. Diseases of Nervous System. 2. Lesions of Spinal Cord and Nerves.	K. Diseases of Nervous System. 3 Epilepsy.	K. Diseases of Nervous System. 4. Other Defined Neuroses.	K. Diseases of Nervous System. 5. Other Neuroses in Infancy, &c.	L. Other Bodily Affections. 1. Hæmopoietic System.	L. Other Bodily Affections. 2. Cardio-vascular degeneration.	L. Other Bodily Affections. 3. Valvular Heart Disease.	L. Other Bodily Affections. 4. Respiratory System.	L. Other Bodily Affections. 5 Gastro-intestinal system.	L. Other Bodily Affections. 6. Renal and Vesical System.	L. Other Bodily Affections. 7. Generative System.	L. Other Bodily Affections. 8. Other general affections.	Showing all the Ætiological Factors found in the M., F., and T. cases of each Group in the First-Attack Direct Admissions.
	M. F. T.	M. F.	M. F.	M. F

TABLE B 9.

Showing the General Paralytics in the Direct Admissions during the year 1912, arranged according to their ages at Commencement of the Attack and to their Civil State, and also the number of instances in which the attack was ascertained to have been preceded by Syphilis, together with the age at which the latter was contracted.

Civil State.	Age at Commencement of the Attack of General Paralysis.																								Totals.			With positive evidence of Syphilis.		
	Under 15.			15—19.			20—24.			25—34.			35—44.			45 - 54.			55—64.			65 and upwards.			Unknown.							
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Single	..	..	..	..	..	..	..	..	..	4	..	4	4	..	4	2	..	2	2	1	3	..	..	..	..	..	..	12	1	13	2	1	3
Married	..	..	..	..	..	..	..	..	..	3	1	4	14	2	16	15	1	16	3	..	3	..	..	..	..	..	..	35	4	39	2	2	4
Widowed	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1	1	2	2	..	2	..	..	..	..	..	..	3	2	5	..	1	1
Unknown	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1
Totals	..	..	..	..	..	..	..	..	..	7	3	10	18	2	20	18	2	20	7	1	8	..	..	..	..	..	..	50	8	58	4	5	9
Syphilis, congenital	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
,, contracted prior to age 25 ..	..	..	..	..	..	..	..	..	..	1	..	..	3	..	..	5	..	..	1	..	..	..	..	..	..	..	..	10	..	10			
,, ,, 25—34 ..	..	..	..	..	..	..	..	..	..	2	..	..	3	..	..	1	..	..	..	..	..	..	..	..	..	..	..	6	..	6			
,, ,, 35—44 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	1			
,, ,, 45—54 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
,, ,, at or after age 55	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..			
,, ,, at age unknown	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	3	..	3			

TABLE C 1.

An Analysis of the Discharges and Transfers during the year 1912. (Voluntary Boarders excluded.)

	M.	F.	T.	M.	F.	T.	M.	F.	T.
Discharged as Recovered—									
From Direct Admissions.									
First-Attack Cases	54	50	104	..	..	..	..	..	..
Not First-Attack Cases	25	18	43	..	..	..	..	..	..
Cases unknown whether First Attack or not	9	2	11	..	..	..	..	..	..
Total from Direct Admissions	..	..	..	88	70	158	..	..	..
From Transfers.									
First-Attack Cases	2	3	5	..	..	..	..	..	..
Not First-Attack Cases	3	2	5	..	..	..	..	..	..
Cases unknown whether First Attack or not	1	..	1	..	..	..	..	..	..
Total from Transfers	..	..	..	6	5	11	..	..	..
Total Discharged as Recovered	..	..	..	94	75	169	..	..	..
				Relieved.			Not Improved.		
Discharged (not recovered) as—									
Relieved	30	71	101	30	71	101			
Not Improved	4	2	6				4	2	6
Total	34	73	107						
Reasons for such Discharge—									
To go to care of friends	29	69	98	..	..	..	..	..	..
,, workhouse	1	2	3	..	..	..	..	..	..
,, metropolitan asylum (England)	..	..	..	..	..	..	..	..	..
Statutory, by irregularity in Reception Order	..	..	..	..	..	..	..	..	..
,, by lapsing of ,, ,, ...	1	2	3	..	..	..	..	..	..
Other reasons—Escaped	2	..	2	..	..	..	..	..	..
To Pauper Class from Criminal ..	1	..	1						
Total	34	73	107						
Transferred as—									
Relieved	..	..	..						
Not Improved	19	45	64				19	45	64
Total	19	45	64						
Destinations of such Transfers—									
To other asylums, reg. hospitals, and licensed houses ..	19	45	64	..	..	..	..	..	..
To "single care"	..	..	..						
Other destination	..	..	..						
Total	19	45	64						
Total Discharged and Transferred as—									
Relieved				30	71	101			
Not Improved				..	..	..	23	47	70

TABLE C 2.

Showing in the Total Cases Discharged Recovered during the year 1912 the ages in Quinquennial Periods—(*a*) On Recovery, and (*b*) at the Commencement of the Recent Attack of Mental Disorder, arranged according to the Total Length of such Attack. (Voluntary Boarders excluded.)

Age Periods	Less than 10.		10—14.		15—19.		20—24.		25—29.		30—34.		35—39.		40—44.		45—49.		50—54.		55—59.		60—64.		65—69.		70—74.		Greater ages in quinquennia.				Age unknown		Total.		
	M.	F.	M.	F.	M.	F.	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
Age on Recovery ..	..	..	..	..	3	8	6	12	9	8	9	8	16	10	10	12	11	6	13	6	5	3	6	..	5	2	1	..	..	..	..	..	..	..	..	..	94	75	169
Total Length of this Attack of Mental Disorder.	**Age at Commencement of Recent Attack of Mental Disorder.**																																				
Less than 1 month	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	3	..	3
1 month and less than 3 months ..	..	..	..	..	1	1	1	..	2	..	2	1	5	..	6	2	4	..	1	..	1	..	3	..	..	..	..	..	..	..	..	..	..	..	1	..	27	4	31
3 months ,, 6 ,, ..	..	..	..	..	..	2	2	4	3	..	2	3	6	4	1	2	4	2	4	..	1	1	..	..	..	1	1	..	..	..	..	..	..	..	..	..	1	24	20	44
6 ,, ,, 9 ,, ..	..	..	..	..	1	3	1	5	1	2	1	..	1	2	1	5	1	2	2	1	..	1	1	..	1	..	..	..	..	..	..	..	..	..	1	..	12	21	33
9 ,, ,, 12 ,, ..	..	..	..	..	1	2	..	1	1	..	..	2	2	1	1	1	..	1	2	..	2	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	11	8	19
12 ,, ,, 18 ,, ..	..	..	..	..	..	1	1	..	1	3	2	..	..	1	..	1	..	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	7	6	13
18 ,, ,, 2 years	..	..	..	..	..	..	1	1	..	..	..	1	1	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2	6
2 years ,, 3 ,, ...	..	..	..	..	..	..	1	..	..	2	..	1	..	1	..	1	..	3	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	9	11
3 ,, ,, 5 ,, ...	..	..	..	..	..	..	..	1	..	..	..	..	..	1	1	..	..	1	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	3	4	7
5 ,, ,, 10 ,, ...	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2
Longer periods specified in quinquennia ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Duration unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	3	9	7	12	9	7	9	9	15	10	10	12	9	9	13	2	6	2	6	1	3	1	1	..	..	..	..	..	..	..	3	1	94	75	169

TABLE C 3.

Showing the Form of Mental Disorder, on admission, in those Discharged Recovered during the year 1912. (Voluntary Boarders excluded.)

Forms of Mental Disorder (on Admission).*		M.	F.	T.
Intellectual without Epilepsy		2	2	4
Moral		1	..	1
Insanity with Epilepsy		3	..	3
General Paralysis of the Insane		2	..	2
Insanity with grosser brain lesions		..	1	1
Acute Delirium..		..	4	4
Confusional Insanity		28	5	33
Stupor		..	2	2
Primary Dementia		11	5	16
Mania	(a) Recent	12	14	26
	(b) Chronic	2	1	3
	(c) Recurrent	..	6	6
Melancholia	(a) Recent	21	19	40
	(b) Chronic	2	1	3
	(c) Recurrent	..	4	4
Alternating Insanity		..	1	1
Delusional Insanity	(a) Systematised ..	9	..	9
	(b) Non-Systematised ..	..	9	9
Dementia	(a) Senile	..	1	1
	(b) Secondary	1	..	1
Totals		94	75	169

* The Terminology in Table B 5 to be used here as far as possible.

TABLE C 4.

Showing the Ætiological Factors ascertained in the Recoveries during the year 1912, distinguishing between cases—First-Attack, Not-First-Attack, and Unknown-whether-First-Attack-or-Not. (Voluntary Boarders excluded).

ÆTIOLOGICAL FACTORS AND ASSOCIATED CONDITIONS.	First-Attack Cases.									Not-First-Attack Cases.									Cases Unknown-whether-First-Attack-or-not.									Total Recoveries.								
	Principal. Instances where regarded as the essential or chief factor. *			Contributory. Instances where regarded as a contributory factor or associated condition. †			Total Incidence. ‖			Principal. Instances where regarded as the essential or chief factor. *			Contributory. Instances where regarded as a contributory factor or associated condition. †			Total Incidence.			Principal. Instances where regarded as the essential or chief factor. *			Contributory. Instances where regarded as a contributory factor or associated condition. †			Total Incidence.			Total Principal. Total instances where regarded as the essential or chief factor.			Total Contributory. Total instances where regarded as contributory factor or associated condition.			Grand Total Incidence.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
A. Heredity (excluding cousins, nephews, nieces, and offspring).	..	..	..	13	19	32	13	19	32	..	..	..	7	5	12	7	5	12	..	..	..	1	1	2	1	1	2	..	..	..	21	25	46	21	25	46
1. Insane	..	..	..	1	..	1	1	..	1	..	..	..	1	..	1	1	..	1	..	..	..	..	..	..	..	..	..	..	.	..	2	..	2	2	..	2
2. Epileptic	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Neurotic (including only Hysteria, Neurasthenia, Spasmodic (Idiopathic), Asthma. and Chorea)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Eccentricity (in marked degree)	..	..	..	8	3	11	8	3	11	1	..	1	5	..	5	6	..	6	..	..	..	..	..	..	..	..	..	1	..	1	13	3	16	14	3	17
5. Alcoholism	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
B. Mental Instability, as revealed by—	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1	..	..	..	..	1	1	..	1	1	..	..	..	..	2	2	..	2	2
1. Moral Deficiency	..	..	..	..	2	2	..	2	2	..	..	..	2	..	2	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	2	2	4	2	2	4
2. Congenital Mental Defect, not amounting to Imbecility	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Eccentricity	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
C. Deprivation of Special Sense.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1. Smell or Taste	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Hearing	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Sight	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
D. Critical Periods.	..	..	..	..	7	7	..	7	7	..	..	..	..	4	4	..	4	4	..	..	..	..	1	1	..	1	1	..	..	..	..	12	12	..	12	12
1. Puberty and Adolescence	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1
2. Climacteric	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1
3. Senility	..	..	..	..	2	2	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	2	2
E. Child-Bearing.	..	..	..	..	5	5	..	5	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	5	..	5	5
1. Pregnancy	..	..	..	..	1	1	..	1	1	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	2	2
2. Puerperal State (not septic)	..	..	..	..	1	1	..	1	1	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	2	2
3. Lactation	..	..	..	..	2	2	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	3	3
F. Mental Stress.	3	..	3	..	..	..	3	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	3	..	..	..	3	..	3
1. Sudden	9	1	10	..	1	1	9	2	11	5	..	5	..	2	2	5	2	7	..	..	..	..	..	..	..	..	..	14	1	15	..	3	3	14	4	18
2. Prolonged	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
G. Physiological Defects and Errors.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1. Malnutrition in early life (signs of Rickets, &c.)	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1
2. Privation and Starvation	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Over-exertion (Physical)	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1
4 Masturbation	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Sexual excess	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
H. Toxic.	16	1	17	3	5	8	19	6	25	10	..	10	3	..	3	13	..	13	6	..	6	..	..	..	6	..	6	32	1	33	6	5	11	38	6	44
1. Alcohol	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Drug habit (morphia, cocaine, &c.)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Lead and other such poisons	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Tuberculosis	1	..	1	1	..	1	2	..	2	1	..	1	..	2	2	1	2	3	..	..	..	..	..	..	..	..	..	2	..	2	1	2	3	3	2	5
5. Influenza	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6. Puerperal Sepsis	..	..	..	..	1	1	..	1	1	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	2	2
7. Other Specific Fevers	..	..	..	2	..	2	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	2	..	2
‡8. Syphilis, acquired	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1
‡9. Syphilis, congenital	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10. Other Toxins	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
I. Traumatic.	..	..	..	..	2	2	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	2	2
1. Injuries	1	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1
2. Operations	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Sunstroke	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
K. Diseases of the Nervous System.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1	1	..	1	..	..	..	1	..	1
1. Lesions of Brain	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Lesions of Spinal Cord and Nerves	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1
3. Epilepsy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Other defined Neuroses (limited to Hysteria, Neurasthenia, Spasmodic, Asthma, and Chorea)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Other Neuroses which occurred in Infancy or Childhood (limited to Convulsions and Night-terrors)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
L. Other Bodily Affections.	..	..	..	..	1	1	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1	1
1. Hæmopoietic System (Anæmia, &c.)	..	..	..	..	4	4	..	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4	..	4	4
2. Cardia-vascular degeneration	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Valvular Heart Disease	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Respiratory System (excluding Tuberculosis)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Gastro-intestinal System	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6. Renal and Vesical System	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7. Generative System (excluding Syphilis)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8. Other General Affections, not included above (*e.g.* Diabetes, Myxædema, &c.)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
M. Cases in which no Principal Factor could with certainty be assigned but in which one or more factors were ascertained, and were returned as contributory	13	48	61							7	11	18							..	1	1							20	60	80						
N. None Assignable, notwithstanding full History and Observation	5	4	9							3	7	10							1	..	1							9	11	20						
O. None Ascertained, History defective	7	..	7							2	1	3							2	1	3							11	2	13						
Totals	55	54	109	{ Total First-Attack Cases.						29	19	48	{ Total Not-First-Attack Cases.						10	2	12	{ Total cases Unknown-whether-First-Attack-or-not.						94	75	169	{ Total Direct Recoveries.					

* One entry, and one only, has been made in these columns for each case recorded in them ; thus the totals of these columns will equal the number of cases belonging to that particular class.
† As several factors will have sometimes been entered in these columns in respect of one case, and, on the other hand, there may have been none to enter, no attempt should be made to totalise these columns.
‡ All cases believed to have suffered, at any time in their lives, from Syphilis have been entered.
‖ The figures in this column, as far as the end of Group L, should be repeated in Table B 8 in the column similarly marked

TABLE D 1.

Showing all the Causes of Death that entered into the Deaths during the year 1912, arranged as PRINCIPAL, CONTRIBUTORY, and Totals of these; also the number of times each Cause (whether Principal or Contributory) was associated with certain selected Causes and the number of occasions each principal Cause of Death was verified by Post-mortem Examination (Voluntary Boarders excluded).

Names of Causes of Death.	* Instances when returned as Principal.			No. verified P.M.	Instances when returned as Contributory			Total Incidence.			Showing the total correlation between any given Cause of Death (whether acting as Principal or Contributory) and the subjoined selected causes.							
											Pulmonary Tuberculosis.		General paralysis of the insane.		Valvular heart disease.		Chronic Bright's Disease.	
	M.	F.	T.		M.	F.	T.	M.	F.	T.	M.	F,	M.	F.	M.	F.	M.	F.
Interstital Nephritis ..	2	5	7	7	3	3	6	5	8	13	..	..	..	..	..	..	..	..
Senile Decay	20	47	67	43	1	3	4	21	50	71	..	..	..	..	..	..	..	..
Shock and Injury to Stomach through taking Spirits of Salts	..	1	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..
General Paralysis	48	7	55	40	..	..	..	48	7	55	..	..	..	..	..	..	..	..
Phthisis Pulmonalis ..	12	22	34	27	1	1	2	13	23	36	..	..	..	..	..	..	..	..
New growth in Abdomen ..	..	1	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..
Pneumonia	19	22	41	37	5	3	8	24	25	49	..	..	..	..	..	..	..	..
Cellulitus of Arm	..	1	1	1	..	1	1	..	2	2	..	..	..	..	..	..	..	..
Bronchitis	2	1	3	3	6	1	7	8	2	10	..	..	..	..	..	..	..	..
Morbus Cordis	17	18	35	26	20	9	29	37	27	64	..	..	..	..	..	..	..	..
Convulsions	1	..	1	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..
Colitus	..	7	7	7	..	..	..	..	7	7	..	..	..	..	..	..	..	..
Congestion of Lungs ..	3	..	3	3	17	..	17	20	..	20	..	..	..	..	..	..	..	..
Carcinoma of Breast and Lung	..	2	2	2	..	..	..	..	2	2	..	..	..	..	..	..	..	..
Epilepsy	25	2	27	21	3	1	4	28	3	31	..	..	..	..	..	..	..	..
Gangrene of Leg	..	1	1	..	..	1	1	..	2	2	..	..	..	..	..	..	..	..
Status Epilepticus	4	2	6	5	1	..	1	5	2	7	..	..	..	..	..	..	..	..
Rupture of left Ventricle ..	1	..	1	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..
Cerebral Softening ..	8	3	11	7	3	4	7	11	7	18	..	..	..	..	..	..	..	..
Exhaustion from Mania ..	2	1	3	2	..	1	1	2	2	4	..	..	..	..	..	..	..	..
Chronic Pancreatitis ..	..	1	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..
Organic Brain Disease ..	1	..	1	1	1	..	1	2	..	2	..	..	..	..	..	..	..	..
Myxoedema	1	..	1	1	..	1	1	1	1	2	..	..	..	..	..	..	..	..
Brights Disease	2	25	27	24	6	2	8	8	27	35	..	..	..	..	..	..	..	..
Erysipelas	1	..	1	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..
Uræmia	1	..	1	1	..	1	1	1	1	2	..	..	..	..	..	..	..	..
Hemiplegia	..	1	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..
Apoplexy	..	1	1	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..
Tabes Dorsalis	1	..	1	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..
Tuberculous Peritonitis ..	..	2	2	2	..	..	..	..	2	2	..	..	..	..	..	..	..	..
Endocarditis	1	..	1	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..
Acute Delirious Mania ..	..	3	3	2	1	1	2	1	4	5	..	..	..	..	..	..	..	..
Carinoma of Stomach ..	..	1	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..
Subdural Hemorrhage ..	2	..	2	2	..	..	..	2	..	2	..	..	..	..	..	..	..	..
Exhaustion of Dementia ..	1	1	2	2	1	..	1	2	1	3	..	..	..	..	..	..	..	..
Pleurisy	..	1	1	1	2	2	4	2	3	5	..	..	..	..	..	..	..	..
Pyclo Nephritis	..	1	1	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..
Carcinoma of Thyroid and Liver	..	2	2	2	..	..	..	..	2	2	..	..	..	..	..	..	..	..
Collapse of Lung caused by the bursting of a pulmonary abscess into the pleural cavity . ..	1	..	1	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..
Chronic Renal Disease ..	..	1	1	1	1	..	1	1	1	2	..	..	..	..	..	..	..	..
Total	176	183	359	281														

* The figures in this column should correspond with those in the column indicated by an asterisk in Table D 2.

TABLE D 2.

Showing the Principal cause of death in each death during the year 1912, together with the ages at death in quinquennial periods. (Voluntary Boarders excepted).

Principal Causes of Death.	Ages at Death in Quinquennial periods.																								Total		
	Less than 10.		10—14.		15—19.		20—24.		25—29.		30—34.		35—39.		40—44.		45—49.		50—54.		55—59.		60—64.		65—69.		70 and over.				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
Interstitial Nephritis	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	1	1	2	1	..	2	5	7
Senile Decay	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	4	19	40	20	47	67
Shock and Injury to Stomach through taking Spirits of Salts	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
General Paralysis	..	..	1	..	2	..	1	..	..	..	2	..	12	2	8	1	11	2	3	2	6	..	2	..	..	..	..	..	48	7	55
Phthisis Pulmonilas	..	1	1	2	1	1	2	4	..	2	1	3	1	4	3	3	..	1	1	..	1	..	1	1	..	..	..	..	12	22	34
New growth in Abdomen	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Pneumonia	3	..	..	1	..	..	..	2	1	2	..	1	3	1	..	2	1	2	4	3	4	5	1	..	1	1	1	2	19	22	41
Cellulitis of Arm	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1	1
Bronchitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	1	3
Morbus Cordis	..	..	..	..	..	..	1	..	..	1	..	2	..	..	2	2	..	2	2	2	2	4	5	1	2	..	3	4	17	18	35
Convulsions	..	..	1	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	1	..	..	..	1	..	..	..	2	..	7	7
Colitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	2	..	..	..	3	..	3
Congestion of Lungs	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	2
Carcinoma of Breast and Lung	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	3	..	3
Epilepsy	1	..	2	2	3	..	3	..	4	..	2	..	3	..	4	..	..	..	..	1	..	1	..	..	..	..	..	..	..	2	2
Gangrene of Legs	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	2	..	..	..	..	..	25	2	27
Status Epilepticus	..	..	..	..	2	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Rupture of left Ventricle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	4	2	6
Cerebral Softening	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	1	..	1
Exhaustion from Mania	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	..	..	..	..	..	1	1	4	..	1	1	1	..	8	3	11
Chronic Pancreatitis	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	3
Organic Brain Disease	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Myxoedema	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Bright's Disease	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Erysipelas	..	..	..	..	..	..	..	..	..	..	..	1	..	3	..	3	..	3	..	3	..	6	1	4	1	1	..	1	2	25	27
Uræmia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	1
Hemiplegia	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Apoplexy	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1
Tabes Dorsalis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1
Tuberculous Peritonitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1
Endocarditis	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	2	2
Acute Delirious Mania	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1
Carcinoma of Stomach	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3
Subdural Hemorrhage	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1
Exhaustion of Dementia	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	2	..	2
Pleurisy	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2
Pyclo Nephritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Carcinoma of Thyroid and Liver	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	1
Collapse of Lung caused by the bursting of a pulmonary abcess into the pleural cavity	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2	2
Chronic Renal Disease	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	1	1
Totals	5	2	5	5	9	2	8	6	7	9	8	11	20	14	18	14	12	12	13	15	15	19	19	11	10	10	27	53	176	183	359 *

* The figures in this column should correspond with those in the column indicated by an asterisk in Table D 1.

TABLE D 3.

Showing the Total Duration of the Present Attack of Mental Disorder in the Deaths during the year 1912, arranged according to the Form of Mental Disorder on admission. (Voluntary Boarders excluded.)

Form of Mental Disorder (on admission).	Total duration of Present Attack of Mental Disorder.																																Totals.		
	Less than one month.		1 m. and less than 3 m.		3 m. and less than 6 m.		6 m. and less than 9 m.		9 m. and less than 12 m.		12 m. and less than 2 yrs.		2 yrs. and less than 3 yrs.		3 yrs. and less than 5 yrs.		5 yrs. and less than 10 yrs.		10 yrs. and less than 15 yrs.		15 yrs. and less than 20 yrs.		Longer periods specified in quinquennia. 20—24.		25—29.		30—34.		35—39.		40—44.		45—49.		50 yrs. and over.				
Congenital or infantile mental defect (idiocy or imbecility) occurring as early in life as it can be observed.	M.	F.	M.	F.	M,	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
1. Intellectual { a. With Epilepsy ..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	1	..	4	3	1	1	1	1	2	..	..	..	1	..	..	..	..	..	..	..	13	5	18
1. Intellectual { b. Without Epilepsy ..	..	..	..	..	..	1	..	..	..	..	..	4	2	2	1	..	1	..	1	3	1	1	1	..	..	1	..	..	..	1	..	..	..	..	9	14	23
2. Moral	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Insanity occurring later in life.																																			
1. Insanity with Epilepsy	3	..	3	..	1	1	..	..	..	..	2	..	1	..	3	..	3	..	5	2	2	..	..	..	1	..	..	..	..	..	1	..	..	..	25	3	28
2. General Paralysis of the insane ..	2	..	12	..	6	1	7	1	4	..	8	2	5	1	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	46	6	52
3. Insanity with grosser brain lesions ..	5	1	5	..	..	..	1	..	..	..	1	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	1	16
4. Acute delirium	3	5	..	..	..	..	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	8	11
5. Confusional insanity	1	1	1	2	2	3	..	..	..	1	..	4	..	..	..	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	14	19
6. Stupor..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
7. Primary Dementia	..	1	..	..	..	..	1	..	..	..	..	1	..	..	..	3	..	8	..	3	..	2	..	2	..	..	..	..	..	..	..	..	..	..	1	20	21
8. Mania { a. Recent ..	2	2	..	1	1	2	..	..	..	1	1	4	..	1	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	8	12	20
8. Mania { b. Chronic ..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3	5
8. Mania { c. Recurrent ..	..	1	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	1	..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	3	3
9. Melancholia { a. Recent ..	2	1	2	3	2	1	..	1	1	1	2	3	2	2	1	2	2	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	16	31
9. Melancholia { b. Chronic ..	..	..	..	..	1	..	..	1	1	..	4	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	2	9
9. Melancholia { c. Recurrent ..	..	..	..	2	..	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	6	6
10. Alternating insanity	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
11. Delusional insanity { a. Systematised ..	..	..	..	1	3	..	..	..	..	1	..	1	..	2	..	1	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	10	13
11. Delusional insanity { b. Non-systematised	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	3
12. Volitional insanity { a. Impulse ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12. Volitional insanity { b. Obsession ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12. Volitional insanity { c. Doubt ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13. Moral insanity	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14. Dementia { a. Senile	2	1	6	9	1	6	1	1	2	4	2	5	..	3	1	2	..	3	..	2	..	1	..	1	..	1	..	1	..	..	..	..	..	..	15	38	53
14. Dementia { b. Secondary ..	..	..	1	2	1	..	1	..	2	..	..	2	1	1	..	..	1	4	..	1	1	1	..	1	..	1	..	2	..	1	..	..	..	1	8	18	26
Totals	20	14	30	20	20	17	12	8	10	9	20	28	14	13	9	13	16	24	9	15	6	8	4	4	1	2	2	2	..	2	1	1	2	1	..	2	176	183	359

TABLE E 1.

Showing the ages (in quinquennial periods) of those on the Registers on the 31st December, 1912, arranged according to the Total Duration of present Attack of Mental Disorder. (Voluntary Boarders excluded.)

Total duration of present attack of mental disorder.	Ages on 31st December, 1912, of those on Registers at that date.																																	
	Less than 10.		10—14.		15—19.		20—24.		25—29.		30—34.		35—39.		40—44.		45—49.		50—54.		55—59.		60—64		65—69.		70—74.		75—79.		80 and over		Unknown.		Totals.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	T.
Congenital	13	7	18	9	30	16	25	40	32	35	19	35	16	48	10	42	11	25	5	19	3	16	2	8	..	3	..	1	..	..	..	..	..	1	184	305	489
Less than 3 months	..	..	..	..	2	2	4	3	2	4	5	11	1	8	3	8	1	3	3	7	3	4	2	4	1	4	3	5	1	..	..	1	..	..	31	64	95
3 months and less than 6 months ..	..	..	..	..	..	..	3	3	1	4	2	4	1	3	1	3	2	5	4	5	1	3	..	3	..	1	1	1	..	2	..	4	..	..	16	41	57
6 ,, ,, 12 ,, ..	..	..	..	..	1	1	11	6	6	7	6	11	8	12	7	7	8	9	9	3	3	8	4	2	2	1	1	4	..	4	..	2	..	..	66	77	143
12 ,, ,, 18 ,, ..	..	..	..	..	..	1	1	2	4	4	5	8	1	7	1	8	5	8	2	7	1	5	..	5	1	3	..	4	1	1	..	1	..	1	22	65	87
18 ,, ,, 2 years ..	..	..	..	..	2	..	7	3	4	3	8	3	8	2	9	5	6	5	2	5	1	2	5	1	4	..	2	2	..	1	..	1	..	..	58	33	91
2 years ,, 3 ,, ..	..	..	..	..	..	3	10	3	13	5	6	14	4	4	2	7	8	13	8	9	7	1	6	7	1	1	1	2	..	..	..	4	..	..	66	73	139
3 ,, ,, 5 ,, ..	..	..	..	..	..	..	1	4	11	10	10	8	7	13	7	13	13	6	6	11	5	10	8	8	4	6	1	2	4	3	..	..	..	1	77	95	172
5 ,, ,, 10 ,, ..	..	..	..	..	2	..	3	1	10	8	15	16	20	24	26	26	17	17	8	14	7	14	5	19	5	13	4	2	1	4	..	3	..	..	123	161	284
10 ,, ,, 20 ,, ..	..	..	..	..	..	..	..	..	..	..	4	5	10	6	9	10	10	13	7	11	4	9	5	11	5	4	..	3	..	4	..	..	..	..	54	76	130
20 ,, ,, 30 ,, ..	..	..	..	..	..	..	..	..	..	..	..	..	2	3	4	3	9	8	10	12	5	12	5	3	4	6	..	5	1	1	..	..	..	..	40	53	93
30 ,, ,, 40 ,, ..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	2	6	3	2	10	3	4	1	6	2	12	2	4	..	..	1	2	..	..	20	44	64
40 ,, ,, 50 ,, ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	3	7	2	3	9	4	3	2	5	1	5	1	3	..	1	20	31	51 *
Totals	13	7	18	9	37	23	65	65	83	80	80	115	78	131	82	134	98	115	66	116	50	90	46	86	33	57	17	40	9	25	2	21	..	4	777	1118	1895

* The figures here should correspond with the total of (a) and (b), Congenital Cases, in Table E 2.

TABLE E 2.

Showing the Form of Mental Disorder on 31st December, 1912, of those on the Registers at that date. (Voluntary Boarders excluded.)

Forms of Mental Disorder on 31st December.		M.	F.	T.
Congenital or infantile mental deficiency (idiocy or imbecility) occurring as early in life as it can be observed.	1. Intellectual { *a.* With Epilepsy ..	39	116	155
	1. Intellectual { *b.* Without Epilepsy ..	140	189	329
	2. Moral	5	..	5
Insanity occurring later in life.	1. Insanity with Epilepsy	55	15	70
	2. General Paralysis of the insane ..	34	8	42
	3. Insanity with grosser brain lesions ..	6	10	16
	4. Acute delirium	..	..	..
	5. Confusional insanity	24	20	44
	6. Stupor	..	3	3
	7. Primary Dementia	81	231	312
	8. Mania { *a.* Recent	6	3	9
	8. Mania { *b.* Chronic	40	30	70
	8. Mania { *c* Recurrent	8	12	20
	9. Melancholia { *a.* Recent	7	16	23
	9. Melancholia { *b.* Chronic	58	43	101
	9. Melancholia { *c.* Recurrent	3	11	14
	10. Alternating insanity	1	11	12
	11. Delusional insanity { *a.* Systematised ..	64	187	251
	11. Delusional insanity { *b.* Non-systematised	25	25	50
	12. Volitional insanity { *a.* Impulse ..	..	..	..
	12. Volitional insanity { *b.* Obsession ..	..	..	..
	12. Volitional insanity { *c.* Doubt ..	1	3	4
	13. Moral insanity	11	..	11
	14. Dementia { *a.* Senile	169	52	221
	14. Dementia { *b.* Secondary	..	133	133
Totals		777	1118	1895
Prospect of mental recovery { Favourable		23	18	41
Prospect of mental recovery { Doubtful		35	45	80
Prospect of mental recovery { Unfavourable		719	1055	1774

CHAPLAIN'S REPORT

For 1912.

To the Committee of Visitors of the Essex and Colchester Asylum.

GENTLEMEN,

I have the honour of presenting to you my Twenty-sixth Annual Report.

According to the official returns the average attendance of the patients at Divine Service on Sundays has been 486, and at the week-day services 39. The Holy Communion has been celebrated twenty-one times to an average number of 22 Communicants—the largest attendance being 53 on Easter Day. A Communicants' Preparation Service has been held in the Chapel on several occasions during the year. One or two Bible Readings are conducted in the Infirmary Wards every week, and a Dining Hall Service in Block F has been held weekly as far as circumstances have permitted. A Choir Practice is conducted every week by Mr. White, and the Choir has rendered efficient assistance in helping to make the services bright and hearty. This efficiency was especially manifested on Good Friday (April 5th), when a large congregation at the afternoon service appreciated the solemn Passion music provided for them by the choir. On April 22nd, a special Memorial Service was held to commemorate the loss of S.S. "Titanic," and on May 5th, a collection made in the Chapel on behalf of the sufferers from this disaster resulted in an offertory of £2 10s. 5d. This amount was added to other sums collected in the Asylum, and altogether £7 12s. was contributed to the *Daily Telegraph* "Titanic" Fund. On September 24th, a very hearty Harvest Thanksgiving Service was held, when the sermon was preached by the Rev. W. J. House (Rector of Fryerning and Rural Dean).

At the Confirmation in Brentwood Church, on November 21st, I presented two female Attendants to the Bishop of Barking, nearly all our Church of England female Attendants having been previously confirmed. During the season of Advent we had special Lantern Services on Sunday evenings, and Thursday evening Services were held in Lent and Advent. I have to thank several of the neighbouring clergy for acting as special preachers at the latter Services.

During the year there have been 123 interments in the Asylum Cemetery. This number includes eleven Roman Catholic burials. On Dec. 13th, I was called upon to perform the sad duty of officiating at the funeral of our Assistant Fireman W. Mayers. The large number of persons present at his funeral testified to the general respect and esteem with which he was regarded by all who knew him.

On February 12th, 146 female patients were entertained at tea in the ball room from funds kindly contributed by the ladies belonging to the Letter Guild. The tea was followed by a concert to which other patients were also admitted.

On Christmas morning 207 friendless patients each received a Christmas Card. The expense attending the purchase of these cards was generously defrayed by a member of your Committee.

The After Care Association has again rendered invaluable service in providing homes and obtaining employment for patients who have been discharged. Twenty-four cases have been assisted with the most satisfactory results. I am glad to say that our local branch's contribution to the funds of the parent Association this year was larger than that of last year. This increase was chiefly due to donations from the relatives of deceased patients, given in grateful remembrance of the kind treatment the persons in whom they were interested had received.

The number of books circulated from the Library has slightly exceeded last year's circulation. Out of this number (7,055) only 15 volumes have been lost—a very small proportion when the special class of readers is taken into account. The work list of the bookbinder's shop shows the following record of the year's work, viz. :—67 new volumes bound, 457 volumes rebound, 120 prayer books and 108 hymn books bound from the printed sheets, 38 prayer books, 39 hymn books and 33 bibles rebound, 301 items of medical, official and musical books bound and repaired besides cutting the large quantities of paper required for making paper bags by the male epileptic patients.

The Sunday Services and Visitation of the Sick have been continued as usual at Harold Court. During the winter months various efforts are made to amuse the patients at the Court.

I cannot conclude my report without a very grateful acknowledgment of the kindness and sympathy I have received from the Medical Superintendent, the Medical Officers and all the members of the Staff.

I have the honour to remain, Gentlemen,

Your obedient Servant,

HENRY STEPHENS.

January 1st, 1913.

TABLE OF RELIGIOUS DENOMINATIONS, 1912.

	Males.	Females.	Total.
Church of England	593	826	1419
Sect unknown	15	34	49
Independent	29	62	91
Wesleyan...	34	55	89
Baptist	24	33	57
Roman Catholic...	29	41	70
Presbyterian	3	8	11
Plymouth Brethren	1	6	7
Salvation Army	3	5	8
Lutheran	—	2	2
Peculiar People	1	2	3
Reformed Church of England ...	1	1	2
Swedenborgian	1	—	1
Agnostic	—	1	1
Spiritist	—	1	1
Jews	4	2	6
Unknown...	39	39	78
	777	1118	1895

LUNATIC ASYLUM
AT BRENTWOOD

Belonging to the Councils of the undermentioned County and Borough, viz :—

The Administrative County of Essex

AND

The Borough of Colchester.

FINANCIAL STATEMENT

The District Auditors' Act, 1879 (42 Vict. c. 6).

The Local Government Act, 1888 (51 and 52 Vict. c. 41).

AND

The Lunacy Act, 1891 (54 and 55 Vict. c. 65).

STATEMENT

OF THE

Receipts & Expenditure

OF THE

Visiting Committee of the above-mentioned Lunatic Asylum,

During the year ended 31st March, 1913.

PART 1.—

RECEIPTS.	£	s.	d.	£	s.	d.
Balance in hand at the commencement of the year ..				2353	11	9
Goods sold, namely :—						
Farm and Garden Sales ...	605	7	0			
Do. (Severalls) ...	1907	2	7			
Kitchen Stuff and old Stores ...	14	15	8			
Sundries	316	12	9			
				2843	18	0
Sums received on account of the Maintenance of Pauper Patients :—						
From Guardians of Unions and Parishes within the Contributory County and Borough, at 11/8, 12/-, 12/9 and 13/6 per head per week	81159	9	9			
From Guardians of other Unions and Parishes, at 14/- per head per week	417	18	0			
From the Treasurers of Counties and Boroughs for Patients adjudged chargeable thereto, namely :—						
Of the Contributory County and Borough, at 11/8 and 12/- per head per week	900	14	10			
From the Treasurers of the Contributory County and Borough under Section 269 (9) of the Lunacy Act, 1890, in respect of accommodation at other Asylums, not exceeding one-fourth of the entire weekly charge ...	6963	13	6			
				89441	16	1
Criminal Patients from Parliamentary Vote ..				363	0	0
Funeral and Removal Expenses :—						
From Guardians of Unions and Parishes...	146	19	1			
From Treasurers of County and Borough	0	16	0			
				147	15	
Other Receipts :—						
Attendants' Wages in lieu of notice	3	6	5			
Bank Interest	40	0	0			
Fees for Affidavits, Copies of Reception Orders, &c..	14	7	11			
Contributions from other Authorities under Asylums Officers' Superannuation Act, 1909 ...	89	3	8			
				146	18	0
TOTAL RECEIPTS AND BALANCE ...				95296	18	11
Transfer to Severalls Asylum Building Account— Team Labour on Building Land				15	17	0
TOTALS OF RECEIPTS AND BALANCES				£95312	15	11

MAINTENANCE ACCOUNT.

EXPENDITURE.

	£ s. d.	£ s. d.
Salaries and Wages (not including Payments for Labour appearing in the Farming and Gardening Account, nor comprised in the Building and Repairs Fund Account), namely :—		
Officers	4027 0 2	
Attendants and others ...	12377 18 2	
		16404 18 4
Provisions (including Malt Liquor in ordinary Diet)		18049 19 9
Malt Liquor, Wine and Spirits (not included in ordinary Diet)		27 8 2
Farm and Garden Expenses		2984 3 2
do, do Severalls		1906 3 11
Clothing :—		
For Patients	2091 15 11	
For Attendants	401 7 11	
		2493 3 10
Necessaries (including Fuel, Lighting and Washing)		7125 1 11
Surgery and Dispensary		619 16 8
Furniture and Bedding		1758 14 7
Funeral Expenses		131 14 3
Payments to Treasurers of other Asylums for Patients under Contract or arrangement		32043 0 1
Transfers to the Building and Repairs Fund Account, namely :—		
Excess of Weekly Charge on "Out-County" Patients		69 13 0
Excess of Weekly Charge on Criminal Patients ...		60 10 0
Rates and Taxes		2333 19 8
Superannuation Allowances under the Superannuation Act of 1909 ...	678 19 0	
Contributions to other Asylum Authorities under the Superannuation Act of 1909	10 13 2	
		689 12 2
Other Payments :—		
(See detailed list, page 30)...		1595 9 2
TOTAL EXPENDITURE		88293 8 8
Balance in hand at the end of the year, viz :		
Treasurer	7388 10 1	
Less due to Clerk	369 2 10	
		7019 7 3
TOTALS OF EXPENDITURE AND BALANCES		£95312 15 11

PART 1. MAINTENANCE ACCOUNT.

DETAILS OF PAYMENTS IN RESPECT OF PATIENTS UNDER THE HEADING "OTHER PAYMENTS."

	£	s.	d.
Attendants' Belts, Whistles and Chains	15	12	11
Allowances to Patients discharged "On Trial" ...	3	0	4
Amusements, including Music	91	0	10
Audit Stamp (two years)	120	0	0
Bookmaker's Materials	6	3	4
Church Subscription	3	3	0
Cord and Twine	7	15	2
Clerk's Guarantee	2	10	0
Cheque Books	10	0	0
Choir Outing	10	0	0
Clock Winding and Repairs	5	18	6
Examining Gas Governors	10	10	0
Flower Pots	2	0	0
Food Van	55	0	0
Garden Seats	19	13	6
Repairing Lawn Mowers	21	15	9
Legal Expenses	3	4	10
Marking Ink	9	0	0
Newspapers and Periodicals	114	14	0
Petty Disbursements	13	17	4
Postage, Travelling and Carriage of Goods ...	388	3	5
Printing, Stationery and Advertisements	432	16	4
Printing Annual Report	21	15	0
Repairing Tennis Courts	7	10	0
Professional Attendance on Nurse N.B.	3	15	0
Removal of Patients to Branches	5	5	7
Removal of Patients Boarded Out	117	16	0
Recapture of Patients	5	0	4
Repairs to Carts	19	12	9
Shrubs, Plants and Seeds	15	17	3
Spectacles	11	14	9
Sweeping Chimneys	1	12	6
Stamping Weights	5	17	0
Sawdust	3	7	6
Telephone Service	20	9	0
Tobacco Pipes	3	6	9
Tuning Pianos	6	10	6
	£1595	9	2

AVERAGE WEEKLY COST PER HEAD OF MAINTENANCE, MEDICAL CARE AND CLOTHING OF PATIENTS,

For the Year ended March 31st, 1913.

Payments under the following Headings.	Amount. £	s.	d.	Average Weekly Cost per Head. s.	d.
Salaries and Wages	16404	18	4	3	4
Provisions	18049	19	9	3	8
Malt Liquor, Wine and Spirits ...	27	8	2	—	
Farm and Garden, Brentwood ...	2984	3	2	0	7¼
,, ,, Severalls ...	1906	3	11	0	4½
Clothing	2493	3	10	0	6
Necessaries	7125	1	11	1	5¼
Surgery and Dispensary ...	619	16	8	0	1½
Furniture and Bedding ...	1758	14	7	0	4¼
Rates and Taxes	2333	19	8	0	5½
Other Payments	2285	1	4	0	5½
	55988	11	4	11	4½
Less Farm and Garden Sales and Miscellaneous Receipts—					
Brentwood ... 1083 13 5					
Ditto—Severalls ... 1907 2 7					
	2990	16	0	0	7¼
	£52997	15	4		
Average Weekly Cost per head ...				10	9¼

Weekly Charge for Patients from County and Borough to which Asylum belongs, 11/8.

Average number resident, 1887.

Total number of days of residence, 688,723.

WEEKLY CHARGE PER HEAD SINCE THE OPENING OF THE ASYLUM.

Year.	Quarter. March. s. d.	June. s. d.	Sept. s. d.	Dec. s. d.
1853 ...	—	—	—	11 0
1854 ...	11 0	11 0	11 0	11 0
1855 ...	10 0	10 0	10 0	10 0
1856 ...	10 0	10 0	10 0	10 0
1857 ...	10 0	10 0	10 0	10 0
1858 ...	10 0	11 0	11 0	10 0
1859 ...	10 0	10 0	9 6	9 6
1860 ...	9 9	9 9	10 0	10 0
1861 ...	11 0	11 0	11 0	11 0
1862 ...	10 9	10 6	9 9	9 9
1863 ...	9 9	9 9	9 6	9 3
1864 ...	9 6	9 6	9 6	9 6
1865 ...	9 6	9 9	9 9	9 9
1866 ...	10 0	10 0	10 6	10 6
1867 ...	10 6	10 6	10 6	10 6
1868 ...	10 6	10 6	10 3	10 3
1869 ...	10 0	10 0	10 0	9 6
1870 ...	9 9	9 9	9 9	9 9
1871 ...	9 9	10 0	10 0	10 0
1872 ...	10 0	10 0	10 0	10 3
1873 ...	10 6	10 6	10 6	11 1
1874 ...	11 1	11 1	11 1	10 9
1875 ...	10 9	10 9	10 9	10 9
1876 ...	10 6	10 6	10 6	10 6
1877 ...	10 0	10 0	10 0	10 0
1878 ...	10 6	10 6	10 6	10 6
1879 ...	10 6	10 6	10 6	10 6
1880 ...	10 3	10 3	10 3	10 3
1881 ...	10 3	10 3	10 3	10 3
1882 ...	10 3	10 3	10 3	10 3
1883 ...	10 0	10 0	10 0	10 0

WEEKLY CHARGE PER HEAD—*continued.*

Year.		Quarter. March.		June.		Sept.		Dec.	
		s.	d.	s.	d.	s.	d.	s.	d.
1884	...	10	0	10	0	10	0	10	0
1885	...	10	0	10	0	10	0	10	0
1886	...	10	0	10	0	10	0	10	0
1887	...	10	0	10	0	10	0	10	0
1888	...	10	0	10	0	10	0	10	0
1889	...	9	6	9	6	9	6	9	6
1890	...	9	6	9	6	9	6	9	6
1891	...	9	6	9	6	9	6	9	6
1892	...	9	6	9	6	9	6	9	6
1893	...	9	6	9	6	9	6	9	6
1894	...	9	6	9	6	9	6	9	6
1895	...	9	6	9	6	9	6	9	6
1896	...	9	6	9	6	9	4	9	4
1897	...	9	4	9	4	9	4	9	4
1898	...	9	4	9	4	9	4	9	4
1899	...	9	4	9	4	9	4	9	4
1900	...	9	4	9	4	9	4	9	4
1901	...	9	4	9	4	9	4	9	4
1902	...	9	4	9	4	9	4	9	4
1903	...	9	11	9	11	10	6	10	6
1904	...	10	6	10	6	10	6	10	6
1905	...	10	6	10	6	10	6	10	6
1906	...	10	6	10	6	10	6	10	6
1907	...	10	6	10	6	10	6	10	6
1908	...	10	6	10	6	10	9	10	9
1909	...	10	9	10	9	10	9	10	9
1910	...	10	9	10	9	10	9	10	9
1911	...	10	9	10	9	10	9	10	9
1912	...	11	8	11	8	11	8	11	8
1913	...	11	8						

PART II.—BUILDING AND

RECEIPTS.

	£	s.	d.
Balance in hand at the commencement of the year ...	3631	7	10
Sums received from the Treasurers of the Contributory County and Borough, viz :—			

	Ordinary Repairs. £ s. d.	Additions, Alterations and Improvements (under £400).	Extraordinary Outlay (Laundry Machinery). £ s. d.					
County of Essex	6195 1 2	—	78 13 5					
Borough of Colchester	305 9 0	—	3 17 7					
	6500 10 2	—	82 11 0			6583	1	2
From other Local Authorities viz :— County Borough of West Ham—Proportions of Pensions refunded						318	4	3
Other Receipts :—								
Insurance Bonuses			0 12 3					
Sale of Leather Hose			7 7 3					
Hire of Room—Inquest			0 5 0					
						8	4	6
Transfers from the Maintenance Account, viz :—								
Excess of Weekly Charge on "Out-County Patients"						69	13	0
Excess of Weekly Charge on Criminal Patients ...						60	10	0
TOTALS OF RECEIPTS AND BALANCES						£10671	0	9

REPAIRS FUND ACCOUNT.

EXPENDITURE

	Out of Monies raised by means of Loans. £ s. d.	Out of other Monies. £ s. d.	£ s. d.	£ s. d.
Sums paid on account of Ordinary Repairs ...			3766 16 11	
Additions, Alterations and Improvements (under £400)			179 15 8	
New Buildings aud Extraordinary Outlay, viz.:				
Alterations at "F" Block	1471 14 7			
Laundry Machinery ...			214 10 0	
Payments to other Local Authorities:—				
Brentwood Urban District Council, Reception of Sewage (2 years) ..		100 0 0		
Ditto, Maintenance of Fire Alarm (2 years) ..		16 0 0		
Walthamstow Urban District Council, Maintenance of Fre Alarm ..		0 1 0		
			116 1 0	
Other Payments:—				
Insurance		126 7 9		
Rent		136 5 4		
			262 13 1	
Pensions			1914 12 11	
Deposits repaid to Tenderers (Alterations at "F" Block	45 0 0			
TOTAL EXPENDITURE ..	1516 14 7		6454 9 7	7971 4 2

Balance in hand at the end of the year	2699 16 7
TOTALS OF EXPENDITURE AND BALANCES	£10671 0 9

PART III.—SEVERALLS

Year ended

RECEIPTS.

	£	s.	d.
Balance in hand at the commencement of the year...	5632	0	7

Sums received from the Treasurers of the Contributory County and Borough on account of:—

	County of Essex. £	s.	d.	Borough of Colchester. £	s.	d.	£	s.	d.
Detached Buildings ...	43010	0	0	1470	0	0			
Roads, Paths & Pavings	11615	0	0	740	0	0			
Heating and Ventilating	6850	0	0	285	0	0			
Electrical Works ...	2950	0	0	130	0	0			
Furnishing & Equipment	7005	0	0	175	0	0			
Superstructure ...	1000	0	0	50	0	0			
Stores Fittings ...	775	0	0	—					
Kitchen Fittings ...	595	0	0	25	0	0			
Laundry Machinery ...	500	0	0	25	0	0			
Fencing and Planting	150	0	0	7	10	0			
Bakery Fittings ...	450	0	0	22	10	0			
Padded Rooms ...	1600	0	0	80	0	0			
	76500	0	0	3010	0	0	79510	0	0
Sundry Receipts							4	5	11
Deposits by Tenderers							69	8	0
							85212	14	6

BALANCE	7320	18	0		
	£92533	12	6		

ASYLUM ACCOUNT.

31st March, 1913.

PAYMENTS.

	£	s.	d.	£	s.	d.
Sums paid on account of:—						
Salaries of Architect's Staff ...	480	18	0			
Salaries of Clerks of Works ...	491	8	0			
Printing and Lithography	44	16	10			
Main Building	9469	2	0			
Kitchen Fittings	760	0	0			
Bakery Fittings	291	10	0			
Padded Rooms	1252	8	0			
Heating and Ventilating, Main Building	3790	15	5			
Heating and Ventilating, Detached Buildings	1600	0	0			
Contingencies	142	12	6			
Engineering Clerk of Works ...	148	0	0			
Electrical Works	2750	8	8			
Fencing and Planting	17	12	6			
Detached Buildings	42557	10	0			
Roads, Paths and Pavings ...	11900	0	0			
Furnishing and Equipment ...	7808	13	2			
Well Sinking	433	11	4			
Laundry Machinery	345	0	0			
Stores Fittings	800	0	0			
Electric Lighting Engineer's Fees ...	53	13	6			
Architect's Commission	250	0	0			
				85387	19	11
Legal Expenses				175	6	10
Suspense Account *re* Extraordinary Traffic ...				5435	1	3
Repairs to existing Buildings, Wages, &c. ...				188	13	5
Insurance				18	6	3
Officers' Salaries				1283	4	10
Deposits by Tenderers repaid				45	0	0
				£92533	12	6

SUMMARY OF RECEIPTS IN PARTS I., II. AND III.

RECEIPTS.

			£	s.	d.
Maintenance Account			92959	4	2
Building and Repairs Fund Account			7039	12	11
Severalls Asylum Account			79580	13	11
			179579	11	0
Less Transfers from the Maintenance Account to the Building and Repairs Fund Account and *vice versa*					
(page 28)	£15	17 0			
(page 34)	130	3 0			
			146	0	0
TOTAL RECEIPTS ...			£179433	11	0

SUMMARY OF

Dr.	£	s.	d.
Cash in hand	10088	6	8
Less due to Clerk...	369	2	10
	9719	3	10
Balance due to Treasurer on Severalls Asylum Account	7320	18	0
	£2398	5	10

SUMMARY OF EXPENDITURE IN PARTS I., II. AND III.

EXPENDITURE.

	£	s.	d.
Maintenance Account	88293	8	8
Building and Repairs Fund Account	7971	4	2
Severalls Asylum Account	92533	12	6
	188798	5	4
Less Transfers from the Maintenance Account to the Building and Repairs Fund Account and *vice versa*	146	0	0
TOTAL EXPENDITURE ...	£188652	5	4

BALANCES.

Cr.	£	s.	d.
Maintenance Account (page 29)	7019	7	3
Building Account (page 35)	2699	16	7
	9719	3	10
Less Debit Balance on Severalls Asylum Account ...	7320	18	0
	£2398	5	10

PART IV.—FARMING AND

RECEIPTS.

	£	s.	d.	£	s.	d.
Sums received during the year from Sales ...				605	7	0
Value of Goods supplied to the Asylum during the year, viz. :—						
Pork, 9542 lbs.	218	13	5			
Milk, 30801¼ galls.	1155	0	11			
Potatoes	657	10	7			
Vegetables	819	7	0			
				2850	11	11
TOTAL RECEIPTS				3455	18	11
Value of Stock at the end of the year (Valuation by The Right Hon. J. Round, E. Good, P. Hutley and R. Stroud, Esquires)				2589	2	8
CREDIT.—Supplied to Severalls Asylum Farm :—						
Six Yelts	16	10	0			
Strawberry Plants and Rhubarb Roots	12	10	0			
				29	0	0
TOTAL				£6074	1	7

GARDENING ACCOUNT.

EXPENDITURE.

	£	s.	d.	£	s.	d.
Value of Stock at the commencement of the year ...				2430	18	5
Sums paid during the year in respect of :—						
Labour (not that of Patients) ...	621	16	11			
Provender	1459	14	11			
Seeds and Manures	160	15	11			
Stock, Live and Dead (bought) ...	335	1	2			
Other Payments :—						
Straw	246	5	7			
Farm Sundries	62	11	5			
Insurance	3	12	4			
Rates	31	4	7			
Tithe Rent Charge	39	18	2			
Carriage	23	2	2			
				2984	3	2
TOTAL EXPENDITURE				5415	1	7
DEBIT.—Supplied from Severalls Asylum Farm :—						
One Cow	23	0	0			
Four Pigs	6	0	0			
				29	0	0
Balance in favour of Farm and Garden				630	0	0
TOTAL				£6074	1	7

PART V.—FARMING ACCOUNT,

RECEIPTS.

		£	s.	d.
Sums received during the year from Sales ...		1907	2	7
Value of Goods supplied to Brentwood Asylum during the year :—				
Cow	£ 23 0 0			
Pigs	6 0 0			
Potatoes	138 0 0			
Vegetables	133 14 0			
		300	14	0
Team Labour on Building Land		15	17	0
Value of Stock at the end of the year (Valuation by Messrs. Sexton & Grimwade)		2036	15	5
Balance against Farm		240	12	5
TOTAL ...		£4501	1	5

SEVERALLS, COLCHESTER.

EXPENDITURE.

	£	s.	d.	£	s.	d.
Value of Stock at the commencement of the year ...				2565	17	6
Sums paid during the year in respect of :—						
Labour	595	12	10			
Provender	276	16	4			
Seeds and Manures	214	13	10			
Stock, Live and Dead... ...	531	12	5			
Other Payments :—						
Straw	78	4	2			
Sundries	191	15	0			
Insurance	7	5	1			
Rates	10	4	3			
				1906	3	11
DEBIT.—Supplied from Brentwood Farm :—						
6 Yelts	16	10	0			
Strawberry Plants and Rhubarb Roots	12	10	0			
				29	0	0
TOTAL ...				£4501	1	5

ASSETS AN

31st Marc

	£	s.	d.	£	s.
To Balance at Bank				10088	6
,, Amounts due for maintenance of Pauper Patients from Essex Unions	20122	18	9		
,, Pauper Patients from County Treasurer	216	3	7		
,, Pauper Patients from other Unions and Parishes	133	4	0		
,, Criminal Lunatics	78	10	0		
,, Amounts due from County and Borough Treasurers in respect of:—					
Maintenance of Patients under Sec. 269 (9) Lunacy Act ...	2235	17	9		
Building and Repairs ...	2060	3	11		
Additions, Alterations and Improvements	179	15	8		
Laundry Machinery ...	1686	4	7		
				26712	18
				£36801	4

IABILITIES.

013.

	£ s. d.	£ s. d.
y Amounts due to Tradesmen :—		
Maintenance Account	18255 5 11	
, Amount due to Clerk	369 2 10	
		18624 8 9
Balance in favour of Asylum		... 18176 16 2
		£36801 4 11

W. H. ROSCOE,
Clerk of the Asylum.

ABSTRACT OF THE RETURNS of the Inmates of the Ess and Colchester Lunatic Asylums on the 1st January, 1913, who pa either in whole or in part for their maintenance together with t amounts so paid.

UNIONS.	No.	Amount received per week.	Estimated Amount received during the year.	Estimate total amo received each Uni during th year.
		s. d.	£ s. d.	£ s.
Billericay	13	3 10 9	83 17 0	
		1 ..	27 9 0	
		2 5 0	26 0 0	
		1 6 0	15 12 0	
		1 ..	13 12 0	
		1 ..	11 0 0	
		1 ..	10 15 0	
		1 ..	9 15 0	
		1 1 0	2 12 0	
		1 ..	1 10 0	
				202 2
Bishops Stortford	7	1 ..	52 4 5	
		1 ..	30 6 8	
		2 5 0	26 0 0	
		1 2 6	6 10 0	
		1 1 6	3 18 0	
		1 1 0	2 12 0	
				121 11
Braintree	12	1 14 0	36 8 0	
		1 11 8	30 6 8	
		1 10 0	26 0 0	
		1 6 6	16 18 0	
		1 5 0	13 0 0	
		2 2 6	13 0 0	
		2 2 0	10 8 0	
		1 3 6	9 2 0	
		1 1 6	3 18 0	
		1 1 0	2 12 0	
				161 12
Chelmsford	19	2 10 6	54 12 0	
		5 2 6	32 10 0	
		1 11 8	30 6 8	
		1 ..	30 0 0	
		2 5 0	26 0 0	
		1 7 0	18 4 0	
		1 ..	12 10 6	
		1 ..	12 10 6	
		1 6 0	15 12 0	
		2 2 0	10 8 0	
		2 1 0	5 4 0	
				247 17
Colchester	35	12 11 8	364 0 0	
		4 6 0	62 8 0	
		2 7 6	39 0 0	
		2 7 0	36 8 0	

ABSTRACT OF THE RETURNS of the Inmates of the Essex and Colchester Lunatic Asylums, on 1st January, &c.—*continued.*

UNIONS.	No.	Amount received per week.		Estimated Amount received during the year.			Estimated total amount received by each Union during the year.		
			s. d.	£	s.	d.	£	s.	d.
Colchester—*continued.*		2	5 0	26	0	0			
		5	2 0	26	0	0			
		3	3 0	23	8	0			
		1	8 0	20	16	0			
		2	4 0	20	16	0			
		1	6 9	17	11	0			
		1	5 3	13	13	0			
							650	0	0
Dunmow	11	5	11 8	151	13	4			
		1	8 6	22	2	0			
		1	4 6	11	14	0			
		1	2 9	7	3	0			
		1	2 0	5	4	0			
		2	1 0	5	4	0			
							203	0	4
Edmonton	2	2	1 0	5	4	0			
							5	4	0
Epping	11	1	..	42	1	4			
		1	..	35	17	11			
		1	10 9	27	19	0			
		1	..	26	17	6			
		1	..	15	18	0			
		1	5 0	13	0	0			
		1	..	9	5	0			
		1	2 6	6	10	0			
		1	..	5	5	0			
		1	..	5	2	8			
		1	..	1	5	0			
							189	1	5
Halstead	14	2	11 8	60	13	4			
		1	10 9	27	19	0			
		2	5 0	26	0	0			
		1	8 0	20	16	0			
		1	6 0	15	12	0			
		3	2 0	15	12	0			
		1	3 6	9	2	0			
		3	1 0	7	16	0			
							183	10	4
Lexden and Winstree ..	19	3	11 8	91	0	0			
		2	10 9	55	18	0			
		4	5 0	52	0	0			
		1	4 0	10	8	0			
		2	2 0	10	8	0			
		1	..	8	0	0			
		1	3 0	7	16	0			
		3	1 0	7	16	0			

ABSTRACT OF THE RETURNS of the Inmates of the Essex and Colchester Lunatic Asylums, on 1st January, &c.—*continued.*

UNIONS.	No.	Amount received per week.		Estimated Amount received during the year.	Estimated total amount received by each Union during the year.
			s. d.	£ s d.	£ s. d.
Lexden and Winstree—*continued*		1	..	5 7 4	
		1	1 6	3 18 0	
					252 11
Linton	Nil.		..		
Maldon	15	1	..	29 6 0	
		1	..	25 0 0	
		1	..	20 0 0	
		1	..	13 5 8	
		1	5 0	13 0 0	
		1	..	9 12 0	
		1	..	5 1 6	
		1	..	5 0 0	
		1	..	4 13 0	
		1	..	4 10 0	
		1	..	4 8 0	
		1	..	4 5 0	
		1	..	3 2 5	
		1	..	2 5 0	
		1	..	1 18 0	
					145 6
Ongar	7	2	5 0	26 0 0	
		3	3 0	23 8 0	
		1	..	4 0 0	
		1	1 6	3 18 0	
					57 6
Orsett	7	1	..	63 6 8	
		1	10 0	26 0 0	
		1	9 4	24 5 4	
		1	..	21 6 0	
		1	..	13 8 4	
		1	..	10 13 0	
		1	..	9 10 0	
					168 9
Risbridge	Nil.		..		
Rochford	30	7	10 9	195 13 0	
		5	11 8	151 13 4	
		4	5 0	52 0 0	
		1	12 9	33 3 0	
		1	6 9	17 11 0	
		2	3 0	15 12 0	
		3	2 0	15 12 0	
		2	2 6	13 0 0	
		4	1 0	10 8 0	
		1	3 6	9 2 0	
					413 14

ABSTRACT OF THE RETURNS of the Inmates of the Essex and Colchester Lunatic Asylums, on 1st January, &c.—*continued.*

UNIONS.	No.	Amount received per week.	Estimated Amount received during the year.	Estimated total amount received by each Union during the year.
		s. d.	£ s. d.	£ s. d.
Romford	60	12 11 8	364 0 0	
		9 5 0	117 0 0	
		5 6 6	84 10 0	
		5 4 0	52 0 0	
		3 6 0	46 16 0	
		9 2 0	46 16 0	
		5 2 6	32 0 0	
		4 3 0	31 4 0	
		1 5 6	14 6 0	
		1 5 4½	13 19 6	
		4 1 0	10 8 0	
		1 3 6	9 2 0	
		1 0 6	1 6 0	
				823 7 6
Saffron Walden	7	1 11 8	30 6 8	
		2 5 0	26 0 0	
		1 4 0	10 8 0	
		1 3 0	7 16 0	
		1 2 0	5 4 0	
		1 ..	2 5 0	
				81 19 8
Sudbury	3	2 11 8	60 13 4	
		1 3 0	7 16 0	
				68 9 4
Tendring	33	1 ..	48 13 10	
		1 ..	35 14 2	
		1 ..	32 19 10	
		1 ..	31 16 8	
		1 ..	30 10 9	
		1 11 8	30 6 8	
		1 ..	26 4 11	
		1 ..	23 11 9	
		1 8 0	20 16 0	
		1 ..	18 18 0	
		1 ..	16 14 1	
		1 ..	15 6 0	
		1 ..	14 15 0	
		1 ..	13 16 2	
		1 ..	12 16 0	
		1 ..	11 17 0	
		1 ..	11 15 0	
		1 ..	11 0 0	
		1 ..	9 15 4	
		1 ..	9 8 11	
		1 ..	6 15 0	
		1 2 6	6 10 0	

ABSTRACT OF THE RETURNS of the Inmates of the Essex and Colchester Lunatic Asylums, on 1st January, &c.—*continued.*

UNIONS.	No.	Amount received per week.		Estimated Amount received during the year.	Estimated total amount received by each Union during the year.
		s.	d.	£ s. d.	£ s. d.
Tendring—*continued*		1	..	5 16 10	
		1	..	4 15 0	
		1	..	4 4 0	
		1	..	3 15 0	
		1	..	3 2 6	
		1	..	3 0 0	
		1	..	2 10 0	
		1	..	2 10 0	
		1	..	1 10 0	
		1	..	1 2 0	
		1	..	0 2 0	
					472 8 5
West Ham	223	43	11 8	1304 6 8	
		34	5 0	442 0 0	
		28	2 6	182 0 0	
		15	3 0	117 0 0	
		4	10 6	109 4 0	
		10	4 0	104 0 0	
		6	6 6	101 8 0	
		6	6 0	93 12 0	
		18	2 0	93 12 0	
		4	7 6	78 0 0	
		8	3 6	72 16 0	
		4	6 9	70 4 0	
		2	10 9	55 18 0	
		18	1 0	46 16 0	
		3	5 6	42 18 0	
		2	8 0	41 12 0	
		1	13 0	33 16 0	
		1	11 6½	30 0 2	
		1	..	30 0 0	
		7	1 6	27 6 0	
		1	10 0	26 0 0	
		1	5 9	14 19 0	
		1	4 6	11 14 0	
		1	4 1	10 12 4	
		1	2 3	5 17 0	
		3	0 6	3 18 0	
					3149 9 2
Total ..	528			£	7697 1 2

ABSTRACT OF THE RETURNS of all Lunatics chargeable to the Common Fund or to the Parishes comprised within the several Unions in the County of Essex, on the 1st day of January, 1913.

UNIONS.	LUNATICS.							
	In County Asylum.		In other Asylums.		In Union Workhouse		With relatives or boarded out.	
	Number.	Cost per head per week.	Number.	Cost per head per week.	Number.	Cost per head per week.	Number.	Cost per head per week.
Billericay	60	11/8	16	11/8 to 13/6	13	5/8½	5	From 1/9½ to 5/4½
Bishops Stortford ..	25	11/8	18	11/8 to 13/6	1	*	10	From Medical Relief to 4/-
Braintree	55	11/8	36	11/8 to 13/6	20	*	12	From 1/4 to 3/10
Chelmsford	64	11/8	43	11/8 to 13/6	10	*	15	*
Colchester (Borough) ..	82	11/8	29	11/8 to 13/6	6	7/-	10	*
Dunmow	38	11/8	21	11/8 to 13/6	7	*	6	From nil. to 3/6
Edmonton	18	11/8	7	11/8 to 12/9	3	11/1	..	
Epping	56	11/8	26	11/8 to 13/6	17	5/6	..	
Halstead..	45	11/8	18	11/8 to 12/9	2	5 -	8	From 1/6 to 3/-
Lexden and Winstree..	59	11/8	20	11/8 to 13/6	4	4/6	11	*
Linton	Nil.							
Maldon	44	11/8	28	11/8 to 13/6	10	*	5	*
Ongar	20	11/8	7	11/8 to 12/9	6	4/7¼	6	From nil to 3/-
Orsett	56	11/8	29	11/8 to 13/6	13	7/-	2	From Medical Relief to 4/2½
Risbridge	4	11/8	1	11/8	..	..	4	From 2/9 to 5/9
Rochford	98	11/8	32	11/8 to 13/6	25	7/-	6	From nil. to 2 11
Romford	292	11/8	81	11/8 to 13/6	..	..	19	From 2/6 to 8/7
Saffron Walden ..	26	11/8	14	11/8 to 12/9	7	*	7	From 2/- to 3/6 and a loaf
Sudbury	10	11/8	8	11/8 to 13/6	..	..	3	*
Tendring	83	11/8	37	11/8 to 13/6	33	*	7	*
West Ham	729	11/8	320	11/8 to 13/6	..	..	..	
County of Essex ..	11	11/8	..	..	..	..	..	
	1875		791		177		136	

* not stated.

Money Borrowed by the County Authority for Lunatic Asylums.

Purpose for which borrowed.	Date.	Lender.	Rate	Amonnt Borrowed	Amount Paid off.	Still Due
				£ s. d.	£ s. d.	£ s. d.
Site, Brentwood .. .	13th Feb., 1849	Essex Provident Society	4½	8,500 0 0	8,500 0 0	
Asylum Buildings, Brentwood ..	1st July, 1851 ..	Alliance Assurance Co.	4	19,500 0 0	19,500 0 0	
,, ,, ..	3rd Nov., 1851 ..	,, ,,	4	9,750 0 0	9,750 0 0	
,, ,, ..	14th Jan., 1852..	,, ,,	4	9,750 0 0	9,750 0 0	
,, ,, ..	30th April, 1852	,, ,,	4	9,750 0 0	9,750 0 0	
,, ,, ..	—July, 1852 ..	,, ,,	4	9,750 0 0	9,750 0 0	
,, ,, ..	29th Nov., 1853	,, ,,	4½	14,000 0 0	14,000 0 0	
Enlargement of Asylum, Brentwood	8th August, 1862	,, ,,	4½	8,000 0 0	8,000 0 0	
,, ,, ..	1st Oct., 1868 ..	Clerical Assurance Society	4¼	5,000 0 0	5,000 0 0	
,, ,, ..	1st Jan., 1869 ..	,, ,,	4¼	5,000 0 0	5,000 0 0	
,, ,, ..	1st April, 1869 ..	,, ,,	4¼	5,000 0 0	5,000 0 0	
,, ,, ..	1st July, 1869 ..	,, ,,	4¼	5,000 0 0	5,000 0 0	
,, ,, ..	1st Oct., 1869 ..	,, ,,	4¼	5,000 0 0	5,000 0 0	
,, ,, ..	1st Jan., 1870 ..	,, ,,	4¼	1,750 0 0	1,750 0 0	
Brentwood Hall Estate .. .	15th Aug., 1873	,, ,,	4¼	4,650 0 0	4,650 0 0	
Site, Wickham Bishops, £5,000 Well, ,, ,, £3,000 ,, ,, ,, £2,000 Recreation Hall, Brentwood, £4,900	1st May, 1877 ..	Dunmow Friendly Society	4	8,000 0 9	8,000 0 0	
	6th Jan., 1880 ..	Dunmow Friendly Soc.	4	3,500 0 0	3,500 0 0	
		Clerical Assurance Society	4¼	3,400 0 0	3,400 0 0	
Well, Wickham Bishops ..	17th May, 1881..	Prisons Funds	4	3,590 0 0	3,590 0 0	
Well, Water Tower, &c., Brentwood	1st July, 1885 ..	Norwich Union Life Office	3¾	10,000 0 0	9,000 0 0	1,000 0 0
Enlargement of Asylum, Brentwood	19th Oct., 1886..	Royal Exchange Assurance Corp'ation	3¾	13,333 6 8	17,333 6 8	2,666 13 4
,, ,, ,,	,, ,,	Mrs. Lluellyn's Trustees	3¾	6,666 13 4		
,, ,, ,,	28th June, 1887	Hand in Hand Ins. Co.	3¾	10,000 0 0		

Enlargement of Asylum, Brentwood	28th June, 1887	The late T. Kemble, Esq.	3¾	15,000	0	0	25,000	0	0	5,000	0	0
,, ,, ,,	,, ,,	W. B. Blood, Esq., and another	3¾	5,000	0	0						
,, ,, ,,	3rd July, 1888 ..	Royal Exchange Assurance	3½	20,000	0	0						
,, ,, ,,	,, ,,	The Rev. T. L. Papillon and another	3¾	5,000	0	0	24,000	0	0	6,000	0	0
,, ,, ,,	,, ,,	W. B. Blood, Esq., and another	3¾	5,000	0	0						
,, ,, ,,	7th Jan., 1890 ..	Mrs. R. J. Buxton's Trustees and T. Fowell Buxton, Esq.	3 9/20	13,500	0	0	10,350	0	0	3,150	0	0
,, ,, ,,	6th July, 1897 ..	£100 Bearer-Debentures	2¾	9,000	0	0	4,500	0	0	4,500	0	0
Adjustment with County Borough of West Ham	1st Jan., 1903 ..	Prudential Assurance Co.	3½	54,000	0	0	18,000	0	0	36,000	0	0
Site, Colchester	14th April, 1905	,, ,,	3	10,000	0	0	2,333	6	8	7,666	13	4
Foundations, Colchester.. ..	8th April, 1907 ..	,, ,,	3⅝	18,000	0	0	3,000	0	0	15,000	0	0
Asylum Buildings, Colchester ..	10th July, 1909..	,, ,,	3¾	40,000	0	0	4,000	0	0	36,000	0	0
,, ,,	12th Oct., 1909..	,, ,,	3¾	40,000	0	0	4,000	0	0	36,000	0	0
,, ,,	9th, April, 1910	,, ,,	3¾	20,000	0	0	1,333	6	8	18,666	13	4
,, ,,	10th Jan., 1911..	,, ,,	3¾	45,000	0	0	3,000	0	0	42,000	0	0
,, ,,	8th July, 1911 ..	,, ,,	3¾	20,000	0	0	1,333	6	8	18,666	13	4
Kitchens at Asylum, Brentwood ..	1st Jan., 1912 ..	General County Capital Fund Account	3½	8,500	0	0	850	0	0	7,650	0	0
Equipment, Colchester	20th Jan., 1912..	Prud'l Assurance Co.	3¾	31,000	0	0	2,066	13	4	28,933	6	8
Detached Buildings, Colchester ..	,, ,,	,, ,,	3¾	9,500	0	0	316	13	4	9,183	6	8
,, ,, ,, ..	8th July, 1912 ..	,, ,,	3¾	14,328	0	0	..			14,328	0	0
Foundations, Colchester.. ..	,, ,,	,, ,,	3¾	1,672	0	0	..			1,672	0	0
Superstructure, Colchester ..	8th Oct., 1912 ..	,, ,,	3¾	3,000	0	0	..			3,000	0	0
Detached Buildings, Colchester ..	,, ,,	,, ,,	3¾	10,000	0	0	..			10,000	0	0
Roads, Colchester	,, ,,	,, ,,	3¾	14,000	0	0	..			14,000	0	0
Equipment, Colchester	,, ,,	,, ,,	3¾	10,000	0	0	..			10,000	0	0
Furniture & Padded Rooms, Colchester	27th Mar., 1913	,, ,,	3¾	16,000	0	0	..			16,000	0	0
				616,390	0	0	269,306	13	4	347,083	6	8

F. H. OWERS, County Accountant.

THE ESTABLISHMENT, 31st Dec., 1912

OFFICERS.

	Per annum. £ s. d.	Length of Service. Yrs. Mos.	
Medical Superintendent.....	850 0 0 ..	28 6	Apartments, Coals, Gas, Vegetables and Washing.
Senior Medical Officer	412 0 0 ..	18 9	Furnished Apartments, Attendance and part Washing.
Medical Assistant	226 17 0 ..	16 6	Furnished Apartments, Board, Attendance and Washing.
Medical Assistant	160 0 0 ..	5	Furnished Apartments, Board, Attendance and Washing.
Medical Assistant	160 0 0 ..	3	Furnished Apartments, Board, Attendance and Washing.
Chaplain	425 0 0	26 7	Non-Resident.
,, (Harold Court)	20 0 0		
Clerk to the Visitors	225 0 0 ..	—	Non-Resident.
Clerk of the Asylum	382 0 0	24 0	Non-Resident, Tea daily.
Stores Auditor	25 0 0		
Storekeeper	259 0 0	23 8	Board, Washing and Attendance.
Organist.....	25 0 0		
Inspector	144 12 0 ..	14 3	House, Coals, Gas and Uniform.
Matron	125 0 0 ..	3 5	Furnished Apartments, Board, Attendance and Washing.
Assistant Matron.....	74 8 0 ..	5 9	Ditto
Clerk of Works and Engineer ..	190 8 0 ..	13 3	House, Coals & Gas.
Assistant Clerk.....	100 0 0 ..	2	Dinner & Tea daily.
Assistant Clerk.....	92 15 0 ..	14 9	Ditto.
Assistant Clerk.....	53 15 0 ..	8 0	Ditto.
Dispenser	162 16 0 ..	5 1	Non-Resident.

* An allowance of 10/6 per week is paid in lieu of Board.
† ,, 5/- ,, ,, Lodgings.
‡ ,, 9/- ,, ,, Part Board,
§ ,, £20 per annum ,, Lodgings.

The Establishment—*continued.*

Male Attendants and Servants—

	Per annum. £	s.	d.	
One Head Night Attendant	118	9	0	Washing and Uniform.
§One Head Day Attendant ..	59	9	0	Board, Washing and Uniform.
One ditto ditto ..	56	0	0	Board, Lodging, Washing & Uniform.
†One Deputy Head Attendant	54	11	0	Board, Uniform and Washing.
†One Mess Room Attendant	52	14	0	Ditto
*†One Mortuary Attendant ..	52	13	0	Uniform and Washing.
†One Head Farm Attendant	52	2	0	Board, Uniform and Washing.
†One Attendant.....	52	3	0	Ditto
†Three Attendants	50	11	0	Ditto
†One Attendant.....	50	3	0	Ditto
†Three Attendants	50	2	0	Ditto
*†One Attendant.....	50	2	0	Washing and Uniform.
†One Attendant.....	49	1	0	Board, Uniform and Washing.
†One Attendant.....	48	1	0	Ditto
†One Attendant....	48	0	0	Ditto
†One Attendant.....	48	9	0	Ditto
One Attendant.....	47	1	0	Board, Lodging, Washing & Uniform.
One Attendant.....	46	1	0	Ditto
†One Attendant.....	46	1	0	Board, Uniform and Washing.
†One Attendant.....	46	0	0	Ditto
One Attendant.....	45	10	0	Board, Lodging, Washing & Uniform.
†One Attendant.....	45	8	0	Board, Uniform and Washing.
†One Attendant.....	45	1	0	Ditto
Two Attendants	45	0	0	Board, Lodging, Washing & Uniform.
†One Attendant.....	44	7	0	Board, Uniform and Washing.
Two Attendants	43	0	0	Board, Lodging, Washing & Uniform
Two Attendants	42	18	0	Ditto
One Attendant.....	42	0	0	Ditto
One Attendant.....	41	0	0	Ditto
One Attendant.....	40	19	0	Ditto
One Attendant.....	39	11	0	Ditto
One Attendant.....	39	3	0	Ditto
One Attendant.....	38	17	0	Ditto
Four Attendants	38	10	0	Ditto
One Attendant.....	38	9	0	Ditto
One Attendant.....	38	0	0	Ditto
Three Attendants	37	0	0	Ditto

The Establishment—*continued.*

MALE ATTENDANTS AND SERVANTS—continued.

	Per annum. £	s.	d.	
†One Attendant	37	0	0	Board, Uniform and Washing.
Three Attendants	36	0	0	Board, Lodging, Washing & Uniform.
One Attendant.....	34	0	0	Ditto
Fifteen Attendants.....	33	0	0	Ditto
Nine Attendants.....	32	0	0	Ditto
‡One Night Attendant	50	2	0	Uniform, Washing and Partial Board.
‡One Night Attendant	49	11	0	Ditto
‡Two Night Attendants	49	2	0	Ditto
‡One Night Attendant	49	0	0	Ditto
‡One Night Attendant	48	0	0	Ditto
‡Six Night Attendants	47	0	0	Ditto
‡One Night Attendant	46	2	0	Ditto
‡One Night Attendant	45	0	0	Ditto
One Attendant and Wife (Cook)	55	5	0	Board, Lodging, Washing & Uniform.
One Attendant and Wife ..	61	7	0	Ditto
*†One Hall Attendant	54	14	0	Washing and Uniform.
One Hall Attendant	47	18	0	Board, Lodging, Washing & Uniform.
†One Dining Hall Attendant	48	0	0	Board, Uniform and Washing.
One Medical Officer's Servant	25	0	0	Board, Lodging, Washing & Uniform.
One Assistant Storekeeper	102	10	0	Non-Resident.
One Assistant Storekeeper	56	16	0	Board.
One Stores Clerk.....	27	0	0	Dinner and Tea daily.
One Cook	70	2	0	Board, Cook's Uniform and washing of same.
One Cook	58	2	0	Ditto
†One Cook	38	2	0	Ditto
One Carver	40	0	0	Ditto
One Scullerymaid.....	46	2	0	Ditto
One Scullerymaid.....	25	0	0	
One Scullerymaid.....	22	2	0	Ditto
One House Porter	16	0	0	Board, Lodging and Washing.
Two House Porters	12	0	0	Ditto
One Stoker	26	0	0	Board, Lodging, Washing & Overalls.
	Per week.			
Four Stokers.....	1	3	6	Non-Resident.
One Assistant Engineer....	1	17	1	Cottage, Coals, Gas and Overalls.
Three Carpenters.....	1	10	0	Non-Resident.

The Establishment—*continued.*

MALE ATTENDANTS AND SERVANTS—continued.

	Per week. £	*s.*	*d.*	
One Bricklayer	1	13	0	Non-Resident.
One Bricklayer	1	11	0	Ditto
One Painter	1	12	0	Ditto
One Painter	1	8	0	Ditto
One Blacksmith	1	10	0	Ditto
One Gas Fitter	1	8	0	Ditto
Two Fitters	1	10	0	Ditto
One Fireman	1	14	6	Cottage, Coals, Gas and Uniform.
One Plumber	1	12	0	Non-Resident.
One Sweep	1	6	0	Ditto
One Sweep	1	4	0	Ditto
One Hammerman	1	2	0	Ditto
One Upholsterer	1	9	0	Ditto
One Upholsterer	1	7	0	Ditto
One Tailor	1	12	0	Ditto
One Tailor	1	8	0	Ditto
One Tailor	1	5	0	Ditto
One Tailor	1	4	0	Ditto
Two Gardeners	1	5	0	Uniform.
One Shoemaker	1	7	0	Non-Resident.
One Shoemaker	1	2	0	Ditto
One Gate Porter	1	4	0	Cottage, Coals, Gas and Uniform.
One Engine Driver.....	1	10	6	Non-Resident.
One Engine Driver.....	1	10	0	Ditto
One Engine Driver.....	1	8	0	Ditto
One Engine Driver.....	1	6	0	Ditto
One Bookbinder	1	10	0	Ditto
One Laundryman	1	7	0	Ditto
One Ward Washer.....	1	8	0	Uniform.
One Ward Washer.....	1	7	0	Non-Resident
One Tinman.....	1	9	0	Ditto
One Baker.....	1	10	0	Ditto
One Baker.....	1	4	0	Ditto
One Carman	1	2	0	Ditto
One Carman	0	18	0	Ditto
One Pony Boy.....	0	10	0	Ditto
One Donkey Boy	0	10	0	Ditto

The Establishment—*continued.*

MALE ATTENDANTS AND SERVANTS—continued.

	Per week. £	s.	d.	
One Messenger Boy	0	7	0	Non-Resident
One Gate Boy	0	5	0	Ditto
One Farm Bailiff	1	3	0	Cottage, Coals, Gas, Washing, Vegetables and Milk
One Cowman	1	6	0	Non-Resident.
One Cowman	1	4	0	Ditto
One Ploughman	1	1	0	Ditto
One Pigman	0	19	0	Ditto
One Labourer	1	3	0	Ditto
Two Labourers	1	0	0	Ditto

Female Attendants and Servants—

	Per annum. £	s.	d.	
One Head Nurse	43	0	0	Board, Lodging, Washing & Uniform
One Head Nurse	42	0	0	Ditto
Two Head Nurses	41	3	0	Ditto
One Nurse	38	0	0	Ditto
One Nurse	37	14	0	Ditto
One Nurse	37	13	0	Ditto
One Nurse	36	0	0	Ditto
One Nurse	35	13	0	Ditto
Two Nurses	35	10	0	Ditto
One Nurse	35	4	0	Ditto
One Nurse	35	2	0	Ditto
Fourteen Nurses.....	34	0	0	Ditto
One Nurse	32	17	0	Ditto
One Nurse	28	2	0	Ditto
Fifteen Nurses	27	0	0	Ditto
Two Nurses.....	25	0	0	Ditto
One Nurse	22	11	0	Ditto
One Nurse	22	1	0	Ditto
Thirty-eight Nurses	21	0	0	Ditto
Sixteen Nurses.....	20	0	0	Ditto
One Head Night Nurse....	42	0	0	Ditto
One Night Nurse	40	0	0	Ditto
One Night Nurse	37	13	0	Ditto
Three Night Nurses	36	0	0	Ditto

The Establishment—*continued.*

FEMALE ATTENDANTS AND SERVANTS—continued.

	Per annum. £	*s.*	*d.*	
One Night Nurse	34	0	0	Board, Lodging, Washing & Uniform.
One Night Nurse	29	0	0	Ditto
Three Night Nurses	27	0	0	Ditto
Two Night Nurses	26	0	0	Ditto
One Night Nurse	25	0	0	Ditto
	Per week.			
Two Night Nurses	1	1	6	Partial Board.
	Per annum.			
One Needle Mistress	40	0	0	Board, Lodging, Washing & Uniform.
One Head Laundress	47	0	0	Ditto
One Laundress.....	29	0	0	Ditto
One Laundress.....	25	0	0	Ditto
One Laundress.....	24	0	0	Ditto
Two Laundresses	23	0	0	Ditto
Seven Laundresses	22	0	0	Ditto
	Per week.			
Three Laundresses		15	0	Non-Resident.
	Per annum.			
One Mess Room Maid	34	0	0	Board, Lodging, Washing & Uniform.
Two Mess Room Maids	27	0	0	Ditto
One Dining Hall Maid	20	0	0	Ditto
One Housemaid	22	0	0	Ditto
Four Housemaids	20	0	0	Ditto

Harold Court, Harold Wood (for 73 Males).

	Per annum. £	*s.*	*d.*	
Medical Officer.....	80	0	0	Non-Resident.
Head Attendant and Wife (Cook)	69	9	0	Board, Lodging, Washing and Uniform.
†One Attendant.....	50	11	0	Board, Uniform and Washing.
One Attendant.....	37	17	0	Board, Lodging, Washing & Uniform.
One Attendant.....	36	0	0	Ditto
	Per week.			
One Farm Foreman	1	1	0	Cottage, Coals, Vegetables and Light.
One Labourer		18	0	Non-Resident.

The Establishment—*continued.*

Brunswick House, Mistley (for 55 Females).

	Per annum. £	*s.*	*d.*	
Medical Officer	60	0	0	Non-Resident.
Head Nurse	39	0	0	Board, Lodging, Washing & Uniform.
One Nurse	34	0	0	Ditto
One Nurse	27	0	0	Ditto
One Nurse	21	0	0	Ditto
One Gardener and Wife (Cook)	56	4	0	Ditto

The Chestnuts, Hoe Street, Walthamstow (for 64 Females).

	Per annum.			
Medical Officer	60	0	0	Non-Resident.
Head Nurse	39	0	0	Board, Lodging, Washing & Uniform.
One Nurse	34	0	0	Ditto
One Nurse	27	0	0	Ditto
One Nurse	21	0	0	Ditto
One Cook	25	0	0	Ditto

All Attendants and Nurses on passing the Medico Psychological Examination receive £2 per annum additional pay.

Fourteen Male Attendants comprising the Fire Brigade, each receive £2 per annum additional pay.

CONTRACT PRICES OF THE PRINCIPAL ARTICLES OF CONSUMPTION.

ARTICLES.			During the Half-year ended 30th June, 1912.			During the Half-year ended 31st December, 1912.		
			£	s.	d.	£	s.	d.
Arrowroot	...	per cwt	1	12	0	1	12	8
Margarine Mixture		,,	2	4	6	2	3	6
Coals (House)	...	per ton	0	19	0	1	2	9
,, (Steam)	...	,,	0	19	0	1	1	6
Cheese ...	..	per cwt.	3	12	0	3	12	0
Flour ...	...	per sack	1	6	0	1	8	0
Gas ...	...	per 1000 ft.	0	3	1	0	3	1
Boned Beef	...	per 8 lbs.	0	3	11	0	3	11
Roasting Beef	...	,,	0	4	8	0	4	11
Mutton ...	...	,,	0	3	2	0	3	2
Sugar (Moist)	...	per cwt.	1	0	9	0	18	3
,, (Granulated)		,,	1	2	3	0	19	6
Soap (Yellow)	...	,,	0	18	0	1	2	3
,, (Soft)	...	per firkin	0	10	0	0	10	0
Tobacco	...	per lb.	0	4	0	0	4	0
Tea (Patients)	...	,,	0	1	3	0	1	3
Tea (Attendants)	...	,,	0	1	5	0	1	5

BRENTWOOD ASYLUM—DIETARY SCALE FOR PATIENTS.

Day of the Week.	BREAKFAST.						DINNER.																TEA.										LUNCHEON for Working Patients.		
	MALES.			FEMALES.			MALES.								FEMALES.								MALES.					FEMALES.								
	Tea	Bread	Margarine Mixture	Tea	Bread	Margarine Mixture	Meat, uncooked	Potatoes	Other Vegetables	Bread	Irish Stew	Soup	Meat Pie	Meat Pudding	Meat, uncooked	Potatoes	Other Vegetables	Bread	Irish Stew	Soup	Meat Pie	Meat Pudding	Tea	Bread	Margarine Mixture	Cake, Currant or Seed	Jam	Tea	Bread	Margarine Mixture	Cake, Currant or Seed	Jam	Bread	Tea	Cheese
	Pt.	Oz.	Oz.	Pt.	Oz.	Oz,	Oz.	Oz.	Oz.	Oz.	Pt.	Pt.	Oz.	lbs.	Oz.	Oz.	Oz.	Oz.	Pt.	Pt.	Oz.	lbs.	Pt.	Oz.	Oz.	Oz.	Oz.	Pt.	Oz.	Oz.	Oz.	Oz.	Oz.	Pt.	Oz.
SUNDAY ..	1	6	½	1	5	½	7	12	..	5	..	..	..	..	7	12	..	4	..	..	..	..	1	..	..	8	..	1	..	..	8	..	..	..	..
MONDAY ..	1	6	½	1	5	½	6	8	2	5	1	..	..	..	6	8	2	4	1	..	..	..	1	6	½	..	..	1	5	½	..	..	4	1	2
TUESDAY ..	1	6	½	1	5	½	3	8	..	5	..	..	..	1	3	8	..	5	..	..	..	1	1	6	½	..	..	1	5	½	..	..	4	1	2
WEDNESDAY	1	6	½	1	5	½	8	..	8	5	..	..	..	..	8	..	8	4	..	..	..	..	1	6	½	..	..	1	5	½	..	..	4	1	2
THURSDAY	1	6	½	1	5	½	3	8	2	..	..	..	12	..	3	8	2	..	..	..	12	..	1	6	½	..	1	1	5	½	..	1	4	1	2
FRIDAY ..	1	6	½	1	5	½	3	8	..	5	..	..	..	..	3	8	..	4	..	..	..	..	1	6	½	..	..	1	5	½	..	..	4	1	2
SATURDAY	1	6	½	1	5	½	3	..	8	6	..	1½	..	..	3	..	8	4	..	1½	..	..	1	6	½	..	..	1	5	½	..	..	4	1	2
TOTAL ..	7	42	3½	7	35	3½	30	42	20	31	1	1½	12	1	30	42	20	25	1	1½	12	1	7	36	3	8	1	7	30	3	8	1	24	6	12

DINNER.

Sunday ..	Beef or Pork (cold)
Monday ..	Irish Stew
Tuesday ..	Meat Pudding or substitute
Wednesday	Beef or Mutton (roast or boiled)
Thursday	Meat Pie
Friday ..	Shepherds Pie
Saturday..	Soup

CURRANT CAKE (per 100 lbs).

40 lbs. Flour
15 lbs. Currants
8 oz. Peel
12 lbs. Dripping or Margarine Mixture
2 lbs. Baking Powder
12 lbs. Sugar
10 pts. Milk
30 Eggs

SEED CAKE (per 100 lbs).

60 lbs. Flour
12 oz. Seeds
8 oz. Peel
12 lbs. Sugar
2 lbs. Baking Powder
15 lbs. Dripping or Margarine Mixture
10 pts. Milk
30 Eggs

LUNCHEON.

Bread, Cheese and Tea.

RABBITS.

One Rabbit to 5 Patients.

BREAD.

Extra bread may be issued if required beyond the usual allowance.

4 ozs. of Cocoa per week is allowed to each patient working on the Farm before breakfast

REPORT

OF

CLINICO - PATHOLOGICAL

AND

PATHOLOGICAL WORK

During 1912.

REPORT

OF

SURGICAL WORK

AND

REPORT

OF

CLINICO - PATHOLOGICAL

AND

PATHOLOGICAL WORK

During 1912.

LUMBAR PUNCTURE.

Five males and 17 females, in all 22 cases, have been punctured during the year, and the cerebro-spinal fluid examined :—

(1) By the Ross-Jones Ammonium Sulphate test.

(2) For lymphocytosis after 10 minutes of centrifugalisation.

(3) In some cases for the Wasserman reaction as modified by Fleming.

(3) (For these tests I am indebted to Dr. Cecil Clarke, of the Brompton Hospital for consumption).

Thirteen of these were suspected of being general paralytics; of whom 6, having died, the diagnosis was confirmed by microscopical examination of the brain. One case, suspected of being a general paralytic, failed at the autopsy and on microscopical examination to show any evidence of this disease. It was probably a case of alcoholic confusional insanity (Korsakow's Psychosis).

As a rule the lymphocytosis in general paralysis is not high (anything below 5 per c.m.m. has not been considered a positive lymphocytosis) ranging from 7 to about 20; but in two cases it reached a very high figure, viz., 50·6 (this case also had Tabes-dorsalis) and 154 respectively.

Although the main interest in lumbar puncture is diagnostic, several cases improved greatly subsequent to the operation, and were shortly after discharged recovered (see numbers 12, 18 and 19), and one case improved sufficiently for her husband to take her out (Number 14).

The following tables gives full details of the 22 cases :—

POST MORTEM EXAMINATION.

Autopsies have been made on 133 male, and 148 female, cases; of which a synopsis of the findings is given on the accompanying tables. From this synopsis, I have abstracted some of the main points of pathological interest in the nervous system, thorax, and abdomen.

NERVOUS SYSTEM.

I. The most prominent anomalous feature seen in the brain was the absence of the corpus callosum in a woman aged 48; a case of dementia præcox. In spite of this defect she had reached a condition of considerable intelligence and showed no obvious defect of movement.

No.	Initials.	Sex.	Age.	Date of Admission.	Date of Puncture.	Ross-Jones protein test.	Lympho-cytes per c.m.m.	Wasserman. C.S.F.	Wasserman. Blood.	Diagnosis.	Appearance and rate of flow.	Remarks.
1	H. N. B.	F			13—1—12	+	7·6	+	+	General paralysis	Clear, but slightly straw tinted.	Died. Diagnosis confirmed by microscopical examination.
2	T. P.	M	11		26—1—12	Not tested	12·0	+	+	Congenital defect with epilepsy	Turbid and blood stained.	Died, No microscopical evidence of general paralysis but had signs of congenital syphilis.
3	E. C.	F	38	22—12—11	1—3—12	+	23·4			General paralysis	Turbid. Flowed at first quickly in drops.	Died 17—6—12. Diagnosis confirmed by microscopical examination.
4	B. J. G.	F	24	1—1—12	1—3—12	—	0			Dementia præcox K	Pellucid.	Discharged relieved. 6—11—12.
5	A. T.	F	53	24—2—12	6—3—12	+	3·4			General paralysis	Pellucid. Flowed in quick drops.	Died 26th August. The microscopical appearance was not characteristic of general paralysis. Probably a case of Korsakow's psychosis.
6	F. A. B.	M	48	15—3—12	8—5—12	+	50·6			General paralysis & Tabes Dorsalis	Turbid. Flowed in quick drops.	Died. Diagnosis confirmed by microscopical examination.
7	R. J. B.	F	47	17—5—12	29—5—12	?	7·0			General paralysis ?	Turbid and blood-stained.	
	,,				5—6—12	—	15·4			,,		
	,,				16—10—12	—	5·2	—	—	,,	Clear. Flowed very slowly at first.	Still living.
8	W. G. A.	M	52	16—4—12	9—6—12	+	13·8	+	+	General paralysis	Pellucid. Flowed slowly.	Removed to Berley Asylum
9	E. C.	F	37	20—6—12	16—7—12	+	14·6			General paralysis	Pellucid. Flowed quickly. (Drops).	Died 31—1—13. Diagnosis confirmed by microscopical examination.
10	E. C.	F	52	24—6—12	16—7—12	+	154·8			General paralysis	Slightly turbid. Slow.	Died in October. Diagnosis confirmed by microscopical examination.
11	A. P.	F	30	18—6—12	19—7—12	+	13·8	+	+	General paralysis	Pellucid. Slow.	Still living.
12	M. W.	F	43	26—7—12	5—8—12	—	0				Pellucid. Quick. (Drops).	Discharged recovered, 18—11—12.
13	C. S. S.	F	40	4—6—12	19—7—12	+	15·8	+	+	General paralysis	Pellucid. Quick. (Drops).	Still living.
14	A. M. B.	F	39	28—5—12	24—7—12	—	0	—	—		Pellucid. Quick. (Drops).	Recent mania. Taken out by Husband.
15	E. S. N.	F	50	8—6—12	24—7—12	+	10·4	*a*	*a*	General paralysis	Pellucid. Quick. (Drops).	Died 4th August, 1912. Diagnosis confirmed by microscopical examination.
16	A. F.	F	40	26—7—12	5—8—12	—	0				Pellucid. Quick. (Drops).	Died 24th October, 1912. A case of dementia. No microscopical evidence of general paralysis.
17	N. M. H.	F	54	13—9—12	25—9—12	—	2·0	—	—	Polyneuritic psychosis	Pellucid. Quick. (Drops).	Still living.
18	E. W. H. S.	M	30	2—9—12	25—9—12	—	0	—	—		Very faintly cloudy. Quick. (Drops).	Discharged recovered, 4th November, 1912.
19	C. C.	M	58	21—9—12	9—10—12	—	0	—	+		Clear with slight flocculen. Quick.	Discharged recovered.
20	A. S.	F	51	10—9—12	9—10—12	+	7·6	*b*	*b*	General paralysis	Clear. Slow at first, then quicker.	Still living.
21	A. S.	F	44	4—10—12	16—10—12	—	2·2	—	—		Clear. Average rate.	Died in October, 1912. A case of Korsakow's psychosis. No microscopical evidence of general paralysis.
22	J. J. S.	F	42	7—12—11	4—12—12	+	20·0	+	+	General paralysis	Slightly flocculent. Quick drops.	Still living.

The Wasserman results in *a* and *b* probably incorrect owing to laboratory error. In the case of *b* a strongly positive result was obtained in both blood and fluid on a second examination.

II. Sclerosis of the Cornua Ammonis.

Occurred 6 times among the males and 5 among the females.

It is rare to find this condition except among epileptics ; that is to say, a sclerosis limited to the cornua ammonis, and not in the remainder of the brain. Of the 2 cases other than epileptic where it was found in both there was general sclerosis.

Males.	Right.	Left.	Both.	Total.
Epileptic Insanity	3	1	—	4
,, Imbecile	1	1	—	2

Females.	Right.	Left.	Both.	Total.
Epileptic Imbecile	—	1	2	3
Imbecility without Epilepsy	—	—	1	1
General Paralysis	—	—	1	1

III. Sulcus Lunatus.

This fissure sometimes seen in the occipital lobe corresponds with the Affenspalte ; so called because it was considered a peculiarity of Ape's brains ; but it has been shown by Professor Elliot Smith and others that it is occasionally met with in human brains.

Amongst the insane, it probably occurs in a larger proportion than among the sane, and so far as the observations made in this Asylum extend (including upwards of 500 persons), it is most frequently found among imbeciles, or cases of dementia præcox, and least freqnently among general paralytics.

It is found more frequently on the left (18) than on the right side (8).

	Males.				Females.				
	Right.	Left.	Both.	Total.	Right.	Left.	Both.	Total.	Grand Total.
Imbeciles and cases of Dementia Præcox ..	1	4	—	5	2	2	—	4	9
Confusional Insanity (Korsakow's D.) ..	—	—	—	—	1	?	—	3	3
Senile & Secondary Dementia	—	1	—	1	2	4	1	7	8
General Paralysis ..	1	1	2	4	1	—	—	1	5
Delusional Insanity ..	—	1	1	2	—	—	2	2	4
Acute & Chronic Mania	—	—	—	—	—	2	1	3	3
Acute Delirium	—	1	—	1	—	—	—	—	1
	2	8	3	13	6	10	4	20	33

IV. Local Atrophy of the Convolutions.

Only atrophy affecting portions of the surface is here considered. The instances in many cases overlap, *e.g.*, one cerebrum may show localised atrophy in several sites. Notice that the associational areas are deeply affected and that the prefrontal is the next usual site of atrophy—(excluding the vertex which takes in many areas).

	Males.	Females.
Prefrontal	25 ...	27
Frontal	7 ...	3
Parietal	18 ...	25
Vertex over central (chiefly)	25 ...	37
and central ...	— ...	(24) included in above

	Males.	Females.
Tempero-sphenoidal (ant end	1 ...	3
Region bordering Sylvian Fissure... ...	2 ...	1
Broca's convolution ...	1 ...	1
Occipital	3 ...	0

V. Softenings due to hæmorrhage old or recent or embolism occurred in the following sites :—

	Males.				Females.				
	Right.	Left.	Both.	Total.	Right.	Left.	Both.	Total.	Grand Total.
Lenticular Nucleus ..	—	—	3	3	3	2	2	7	10
Caudate ,, ..	—	—	—	—	—	—	1	1	1
Thalamus	2	1	—	3	—	—	1	1	4
Corona Radiata ..	—	1	1	2	3	1	—	4	6
Frontal Cortex ..	2	—	—	3*	1	1	—	2	5
Parietal ,, ..	2	—	—	3*	1	—	1	2	5
Paracentral ,, ..	—	1	—	1	—	—	—	—	1
Temp-Sphenoidal Cortex	3	—	—	3	—	—	—	—	3
Corpus Callosum ..	—	—	—	1*	—	—	—	—	1
Internal Capsule ..	1	—	—	1	—	—	—	—	1
Pons	—	—	—	1*	—	—	—	3*	4
Cerebellum	1	1	—	2	—	—	—	—	2
Multiple pin-head cortical hæmorrhages ..	1	—	—	2*	—	—	2	2	4
Pin-head hæmorrhage in Cuneus	—	—	—	—	—	—	—	1*	1
Pin-head hæmorrhage in Occipital Cortex ..	—	—	—	—	—	1	—	1	1
	12	4	4	25	8	5	7	24	49

* This indicates that on one or more occasions it is not stated on which side the lesion occurred.

VI. Basal vessels diseased in 40 males in 133 P.M's.=30%, and in 41 females in 147 P.M's.=nearly 28%. Although among females the percentage is slightly lower they more frequently get an advanced condition of disease of the vessels than in males. In 11 cases, the vessels were very bad (ulcerated and calcareous) in the brain of the females—in only 5 in the male.

Age-period.	Males.	Females.	Total.	Age-period.	Males.	Females.	Total.
40—44	1	—	1	65—69	5	3	8
45—49	—	—	—	70—74	7	9	16
50—54	3	4	7	75—79	5	11	16
55—59	2	4	6	80—84	3	5	8
60—64	14	3	17	85—89	—	2	2

These figures only refer to gross or naked eye lesions. Microscopical examination showed hyaline thickening of arteries in the meninges or cortex very often when there was no evidence of lesion (naked eye) in the basal vessels. (In 6 out of 19 males examined microscopically, and in 10 out of 15 in the females).

VII. Sub-dural films, hæmorrhages or cysts. (Ranging from slightly rusty staining of inner surface of dura up to an organised membrane nearly 1 inch thick).

Amongst the males a hæmorrhagic membrane (recent or old) was found in 10 instances, and 3 only of these were in general paralytics. The remainder were mostly old or organic dements with bad vessels, but one occurred in an imbecile, subject to epilepsy, aged 25.

In 4 (? 5) the membrane was of old standing and had become firm and organised.

Amongst the females, 16 times, as follows :—

4 cases of general paralysis, from 35 to 60 years old.
3 ,, senile dementia.
3 ,, confusional (alcoholic).
2 ,, delusional insanity.
1 ,, acute mania, aged 46.
1 ,, mania, ,, 42.
1 ,, melancholia (? D.P.) aged 46.
1 ,, secondary dementia.

VIII. Tumours.

In the males in 3 cases.

In one of these a senile dement, there were several diffuse yellowish growths in different parts of the brain (? gummata).

In the females in 2 cases.

(1) S.A.G.—Two tumours adherent to inner side of dura mater, of which the larger was the size of a cob nut. (Not examined microscopically).

(2) E.M.—Firm yellow sessile growth, size of spanish chestnut, springing from anterior end of thalamus and lying - in lateral ventricle. (? Neuro-fibroma).

IX. Angiomata.

None met with in the males examined.

Among the women, 3 were noted, all small.

Two were situated in the pons, Both in senile dementia.

One was situated in the hypophysis. A general paralytic.

X. Microscopical examination of pieces of cortex from the prefrontal lobe, the ascending frontal lobe including paracentral, and the left lateral lobe of cerebellum, were made in 19 males and 44 females.

The tissues were fixed in absolute alcohol for 24 hours embedded in paraffin and stained with Unna's polychrome blue, and in some cases Pappenheim's pyridin and methyl green combination.

It will be noticed that, frequently, nerve cells are spoken of as "degenerated and of a halo type." This refers to cells where the body is generally loose and crumbly and often deficient in places, and where there is an empty space surrounding the nucleus like a halo. A very usual form (especially in the smaller nerve cells) is for only a cup-shaped piece of body to exist below the nucleus, and parted from this latter by a little space—a cup and ball like arrangement. This halo type is probably a form of degeneration characteristic of nerve cells, which are, from their beginning, of insufficient durability.

Another term frequently applied to the Betz cells is "immature." This refers to a condition found in a large majority of all epileptics and other imbeciles and cases of dementia præcox, and in about 40% of all cases of insanity examined, and least frequently among general paralytics. It is often indistinguishable from early axonal change. The tigroid is dust-like and pale in the centre of the cell. The nucleus generally large and clear and eccentrically placed.

Briefly put, the reasons for looking on this condition as a form of immaturity are :—

(1) Its very frequent occurrence in imbeciles and cases of dementia præcox.

(2) Its likeness to embryonic or very young nerve cells, especially in the eccentric position of the nucleus.

(3) Its occurrence (Lugaro and others) as a normal adult form in some lower species.

Immature Betz cells are noted :—

(1) In 5 males.

2 cases of confusional (alcoholic) insanity.
1 case of imbecility and epilepsy.
1 ,, ,, delusional insanity.
1 ,, ,, myxœdematous insanity.

(2) In 16 females.

Dementia præcox ...	5	Secondary dementia ...	1
Imbecility with or without epilepsy	2	Recurrent Melancholia ...	1
Confusional (K.D.) ...	3	Recurrent Melancholia with Epilepsy	1
Acute delirium ...	2	General paralysis ...	1

Coagulation necrosis of the nerve cells (Nissl's acute cell change) was noted in 3 cases—all females.

Gliosis.

Males.—Only noted twice, and in both cases it took the form of a small cell gliosis of the zonal layer. One was an imbecile subject to epilepsy, and the other was a man aged 65 who died the day after admission.

Females.—Only noted in one, and here also only in zonal layer. Curiously, this woman died two days after admission. She was probably a case of Korsakow's disease.

Hyaline thickening of the meningeal or cortical (or both) arteries was found in 7 male cases—often accompanied by minute extravasations of blood in the cortex. Amongst the females it was noted in 12 cases, and endarteritis in 3. N.B.—This condition of hyaline thickening occurred in 6 cases in males and in 10 in females where there was no naked eye lesion of the basal vessels.

Three cases of general paralysis amongst the males were examined, and as is usually the case, the cerebellum showed very slight if any, pathological change. One case, supposed from the clinical picture to be a general paralysis did not show any evidence microscopically in favour of this diagnosis.

Six cases of general paralysis amongst the women were examined, but the degree of incidence of lesion is only mentioned in 2 cases :—

In one the prefrontal was most implicated.

In one the cerebellum showed no lesion.

One case of confusional insanity with neuritis (Korsakow's disease) was examined in a male, and marked fibrotic atrophy of both posterior tibial nerves was found.

Six cases amongst females were examined, but the posterior tibial nerves in only three. In one it showed no observable lesion. In the other two, marked fibrotic atrophy with disappearance of myeline rings.

Two other female cases were probably instances of Korsakow's disease, but one died two days and the other thirteen days, after admission. Neither of them, however, showed any lesion in their posterior tibial nerves.

THORAX.

Lungs.

Evidence of bygone tubercular disease (phthisis) in the form of little puckered or caseous nodules encapsulated were found at the apices of the lungs in :- -

Six male cases varying in age from 19 to 71.

Four female cases.

Thyroid.

Showed pathological alterations in 13 men—only 3 women

Men.

Atrophic (=9 grammes) in one case (Myxœdema).

Hypertrophic in 12 cases, viz.:—

3 Imbeciles (25 to 42 grammes).
4 Dements (35 to 88 grammes).
2 Epileptic insanity (27 to 30 grammes).
2 General paralysis (20 to 52 grammes).
1 Acute delirium (20 grammes).

In some of these it was cystic or calcified in part.

Women.

(1) Delusional insanity, died, 79. Fleshy tumour, size of walnut, in right lobe.

(2) Maniacal depression, died, 51. Weight, 75 grammes cystic growth in right lobe.

(3) General paralytic, died, 49. Calcareous deposits.

Vessels.

Aorta.

	10—14	20—24	25—29	30—34	35—39	40—44	45—49	50—54
Males	2	1	—	5	11	9	5	6
Females	—	—	1	1	1	4	4	11
Total	2	1	1	6	12	13	9	17

	55—59	60—64	65—69	70—74	75—79	80—84	85—89	
Males	11	18	9	7	5	3	—	
Females	4	6	6	9	10	5	2	
Total	15	24	15	16	15	8	2	

MALES.

The aorta was atheromatous or calcareous in 92 out of 132 cases examined, or just upon 70%.

In many it was only slightly affected, but in others (20) it was very badly diseased, and 3 of these were under 50 years of age.

FEMALES.

Aorta diseased in 64 (out of 148)=43%.

In some cases only slightly affected, but in 18 very badly, but of these 18 not one was under 50.

Coronary Arteries.

Diseased.

	25—29	30—34	35—39	40—44	45—49	50—54	55—59
Males	1	1	1	4	—	3	4
Females	—	—	—	2	—	4	1
Total	1	1	1	6	—	7	5

	60—64	65—69	70—74	75—79	80—84	85—89	
Males	9	2	4	4	2	—	
Females	2	4	2	9	3	2	
Total	11	6	6	13	5	2	

MALES.

In 35, or 26·5%, they were atheromatous or rigid and tortuous.

FEMALES.

In 29, or 19·7% they were atheromatous or calcareous, and 13 of these were very bad. Nine under 50.

N.B.—Notice the greater frequency of disease in the aorta than in basal cerebral vessels.

Heart.

The foramen ovale was patent.

One case only among the males, an idiot, subject to epilepsy, who died at age of 3.

Two cases among the females :—

(1) Dementia præcox, aged 25.
(2) Secondary dementia, aged 62.

ABDOMEN.

Liver.

MALES.

In one case (T.J.A., aged 32) an abscess was found which had, however, apparently originated in the kidneys. This man had been in South Africa.

In two cases, one of which was a case of Korsakow's disease, it was cirrhotic.

The organ was microscopically examined in 9 cases :—

In 5 there was some fatty degeneration.
In 3 there was some cirrhotic change
In 3 it appeared natural.

Gall stones were found in 6 cases out of 132, or 4·5%.

FEMALES.

Examined microscopically in 44 cases :—

Fatty degeneration was found in 16, or 36·3 %.

Cirrhosis was found in 8, or 18·0 %.

Three of these were cases of Korsakow's disease, and in all of these cirrhosis was extreme. One was a typically hob-nail liver.

An angioma was found in two :—One a case of Korsakow's disease ; the other a case of dementia præcox or congenital defect.

Plasma cells were seen in the livers of 3 general paralytics.

N.B.—They are not uncommonly found in the livers of other cases than general paralytics ; notably epileptics.

The livers of four cases of Korsakow's disease were examined. Three were cirrhotic.

One showed no cirrhosis, but fatty degeneration.

Gall stones were found in 23 cases or 15·5 %.

Adrenals.

FEMALES.

Pathological changes noted in 6 :—

In 1 a small hæmorrhage.

In 2 adenomatous growths.

In 1 calcareous deposits.

In 1 miliary tubercle.

In 1 secondary carcinomatous growth.

Stomach.

MALE.

A hair ball or mass of putty-like material mixed with hair was removed from the stomach of a congenitally defective man of vicious and immoral habits, aged 68. It weighed 762 grammes and completely filled the organ. These are usually supposed to be peculiar to hysterical females.

FEMALE.

Carcinoma of stomach, 1 case.

Intestines.

FEMALES.

Dysenteric ulceration found in 4 cases.

Tubercular ulceration found in 1 case.

Large sarcomatous tumour weighing 1015 grammes was found in the abdomen of a woman.

Pancreas.

FEMALE.

In one case there were pyæmic foci and extravasation of blood.

KIDNEYS.

Although among the non-certified population, kidney disease is more common among men than women, the reverse is the case in asylums. The following table shows the result of examination of the kidneys in the two sexes during 1912 :—

	Males.	Females.
1 Granular kidneys	16, or 12 % ...	40 or 27 %.
2 Tough (not included in 1) ..	10 ...	24
3 Stript badly (not included in 1) ...	19 ...	25
4 Cystic (many included in 1) ...	19 ...	16
5 Tubercle of	1 ...	2
6 Abscess	1 ...	1
7 Lobulation of surface ...	5, or 3·7 % ...	7 or 4·7 %.

As regards the last feature it is an anomaly, and is the natural appearance of the organ in the adult condition of pigs, oxen, &c., and in the embryonic state of human beings it is also a lobulated organ, and when this condition persists during adult life, it would appear to be an indication of imperfect development.

Of the 5 cases in which it was met with in the males :—

2 were general paralytics.
2 were imbeciles subject to epilepsy.
1 was a case of melancholia.

Of the 7 cases in which it was met with in the women :—

3 were cases of dementia præcox.
1 was a case of epileptic insanity.
1 was a case of idiocy with epilepsy.
1 was a case of general paralysis.
1 was a case of melancholia.

	Males.	Females.
Microscopical examination was made of the kidney in	9 ...	44
Found to be natural in	4 ...	8
Increase of interstitial growth (not included in granular—No. 1) ...	3 ...	17
Cloudy swelling	1 ...	7
Endarteritis	5=55 %	24=54 %

A renal calculus was found in the pelvis of one man's kidney. And in the case of 2 females—general paralytics—whose kidneys were especially stained and examined, plasma cells were noted but not in a large number.

Our percentage of deaths has been for some years a very high one, but I would point out that the class of cases we get are unfavourable, including many senile people and others in a bad state of health on admission.

Thus glancing at this year's post-mortem records, it will be seen that 20 of the males and 35 of the females were above the age of 68 at death : whilst no less than 24 males and 14 females died within a comparatively few days after admission (from 1 to 25 days), showing that their condition was serious from the first.

MALE POST-MORTEMS.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
W. A. 11,637	33	16	..	..	Epileptic insanity. Frequent attacks of grand mal.	Brain—good pattern ; marked sclerosis of right cornu ammonis.	1369	Consolidation of right lower lobe, cavity in upper. Some atheroma of aorta.	298	Nil abnormal detected.	143	Pneumonia and epilepsy.
J. A. 13,184	63	12	..	..	Epileptic insanity.	Brain—basal vessels atheromatous; slight atrophy at frontal pole ; meninges milky.	1167	Bronchitis. Aortic valves and aorta atheromatous. Coronaries tortuous and hard.	278	Nil abnormal.	177	Epilepsy.
T. J. A. 23,217	32	..	3	..	IV. Standard ; slow in learning. Devoloped acutely maniacal symptoms a few weeks before admission. General paralysis suspected. Had been 2 years in South Africa.	Nil abnormal detected in brain.	1278	Acrtic valves atheromatous. Aorta very atheromatous (ulcerated).	295	Abscess in liver and right kidney extending down into scrotum.	R 252 L 167	Renal abscess and mania.
J. A. 23,381	75	..	..	5	Senile dement with a history of excessive beer drinking. Serpiginous ulcer on face.	Brain—fair pattern. Old softening in both lenticular nuclei and right thalamus.	1364	Old adhesions of pleura on right side. Aortic valves. Aorta and coronaries atheromatous.	340	Kidneys tough, pale, capsules adherent. Cortex narrow.	230	Senility and morbus cordis.
H. A. 23,386	62	..	..	25	Agitated melancholia.	Brain—basal vessels atheromatous.	1249	Hypertrophy of left ventricle. Muscle soft. Atheroma of aortic valves, aorta and coronaries.	275	Kidneys firm, pale capsules stript readily.	190	Erysipelas of face. Morbus cordis.
W. B. 4,698	48	33	..	..	Imbecile without epilepsy.	Brain—local atrophy in parietal and prefrontal areas in order named. Fair pattern.	1547	Consolidation of right lower lobe and thickening of pleura. Slight atheroma of aorta and at entrance of coronaries. Thyroid large (32).	254	Kidneys tough, capsules adherent, cortex wide.	259	Pneumonia.
W. B. 13,817	75	13	..	..	Epileptic dement. Fits from age of 62.	Brain—basal vessels atheromatous. Atrophy in frontal poles. Ventricles dilated. Old softening on under-surface of right lobe of cerebellum—½-inch in diameter and ⅛-inch deep.	1309	Hypertrophy of left ventricle. Muscle soft. Aortic and mitral valves atheromatous. Aorta very ditto. Coronaries rigid.	425	Kidneys. Capsules thick, adherent, pale, firm. Cortex thin.	220	Morbus cordis.
W. B. 17,525	14	9	..	..	Imbecile without epilepsy.	Brain—nil abnormal.	1155	Tubercular cavities in left lower lobe. Heart and vessels natural.	110	Caseating patch in left kidney ; tubercle of spleen.	132	General tuberculosis.
J. W. B. 17,604	64	8	..	..	A secondary dement.	Brain—basal vessels atheromatous. Slight atrophy in prefrontal and vertex (over central).	1356	Bloody fluid in pericardium and rupture in wall of left ventricle. Aorta atheromatous.	417	Liver fatty-looking and soft. Kidneys pale, soft. Capsules stript readily.	313	Rupture of left ventricle.
I. B. 17,835	66	8	..	..	Delusional (hypochondriacal) insanity.	Brain—fair pattern. Atrophy of vertex. Small hæmorrhage size of split pea in right subiculum.	1422	Old tubercle (healed) in apices. Atheroma of aorta.	287	Kidneys cystic. Cortex thin, tough. Capsules adherent.	240	Senile decay. Chronic interstitial nephritis.
J. B. 21,441	82	..	..	..	A secondary dement. Here for very many years.	Brain—basal vessels slightly atheromatous. Atrophy very marked at vertex (top of central and in frontal poles)—gyri atrophied and gaping.	1204	Old adhesion in upper third of left pleura. Heart: left ventricle dilated muscle friable, slight atheroma of aorta and coronaries. Thyroid very large (88) and calcareous and hemorrhage in centre.	405	Liver puckered and tough. Kidneys tough, thin cortex, capsules adherent.	285	Interstitial nephritis and cardiac dilatation.
R. T. B. 22,129	20	2	..	..	A low grade imbecile without epilepsy. Filthy in his habits and troublesome.	Brain—much atrophy in central region. Sulcus lunatus on right. Microscopic examination of Prefrontal A.F. and cerebellum showed no gliosis or vascular changes. The nerve cells of the brain were largely of the halo type; that is where the cytoplasm is disintegrated, leaving a clear zone around the nucleus.	1228	Old adhesions in left pleura. Right lower lobe very œdematous and congested.	198	Liver (examined microscopically) was natural. Kidneys fairly good except for some slight endarteritis.	183	Exhaustion of dementia and congestion of lung.
H. G. B. 22,246	42	2	..	..	Epileptic insanity, Pugnacious and troublesome after fits.	Brain—old softening on right parietal lobe and third temporal convolution. No sclerosis of cornu ammonis.	1436	Large, walls hypertrophied. Some atheroma of aorta. Thyroid enlarged and ossified (27).	400	Large cyst in right kidney.	301	Epilepsy.
H. B. 22,487	55	2	..	..	All the time dull, inanimate and depressed. No history.	Brain—naked eyed, nil abnormal.	1377	Pleura adherent. Lower right lobe in state of pneumonic consolidation. Slight atheroma of aorta.	335	Kidneys tough but cortex natural and capsules stript well.	325	Pneumonia.
W. B. 22,733	80	..	..	..	Restless, confused and disorientated. Delusion of wealth.	Brain—internal carotids calcareous ; other basal vessels only showed minute atheromatous spots. Very slight atrophy in Asc. Parietal and Prefrontal regions. Brain-softening adjacent to each olfactory bulb. Numerous old softenings in central ganglia of left side. Lateral ventricles enormously dilated.	1172	Muco pus in bronchi. Tricuspid valve incompetent. Mitral stenosis. Marked atheroma of aorta and coronaries.	208	Kidneys tough, cortex thin, capsules adherent, puckered surface.	175	Chronic bronchitis. Bright's disease.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
J. B. 22,954	33	..	6	..	General paralysis with history of alcoholic excess.	Brain—meninges milky and adherent on antero-mesial aspect. Some atrophy, chiefly in pre-frontal region. Lateral and iv. ventricles granular on surface.	..	Aorta and coronaries slightly athermatous.	..	Nil abnormal.	..	General paralysis.
G. B. 23,248	37	..	..	7	General paralysis. History of alcoholic excess.	Brain—meninges slightly milky at vertex. Atrophy in prefrontal and sup. parietal region. No granulations. Microscopic examination of prefrontal and right ascending frontal and cerebellum showed typical general paralytic lesions—most noted in prefrontal and least in cerebellum, where there was only a very slight meningeal infiltration.	1331	Pleura thickened and adherent. Aortic valves and aorta atheromatous.	295	Liver showed microscopically slight fatty infiltration. Kidney very slight interstitial changes and degeneration of tubal epithelium, marked endarteritis.	255	General paralysis.
A. C. B. 23,339	35	..	2	..	General paralysis.	Brain—old basal meningitis. Granulations on iv. ventricle. Consistency of cerebrum tough.	1222	Atheroma of aortic valve and aorta and coronaries.	214	Kidneys tough, dark coloured. Cortex narrow. Capsules adherent.	290	General paralysis.
F. A. B. 23,345	50	..	3	..	General paralysis. History of alcoholic excess.	Brain — marked endarteritis of basal vessels. Meninges milky and bound together at mesial aspect of frontal pole. Spinal cord marked sclerosis visible to naked eye in posterior columns of cervical and lumbar regions, chiefly in former. Lesions of general paralysis confirmed microscopically.	1346	Not examined.	..	Not examined.	..	Tabo paralysis.
F. B. 23,366	35	..	..	8	Acute delirium. History of alcoholic excess.	Brain—marked atrophy over Broca's convolution. Organ very congested.	1475	Left lower lobe pneumonic; very slight atheroma of aorta.	315	Kidneys appeared natural.	215	Pneumonia.
A. B. 23,524	55	..	1	..	General paralysis.	Brain—meninges milky and adherent. Atrophy most marked at vertex and in parietal region. No granulations in fourth ventricle.	1455	Aorta very atheromatous, especially the arch. Coronaries atheromatous.	352	Kidneys appeared natural.	276	General paralysis.
H. G. B. 23,715	49	..	1	..	General paralysis.	Brain—natural except for slight atrophy at top of central convolutions. Microscopic examination of prefrontal, right and left ascending frontal cortex and cerebellum showed no appearance of general paralysis. Chief features noted were hyaline thickening of arteries in brain and small cortical extravasations of blood. The larger nerve cells were all immature (axonal like).	1240	Nil abnormal.	220	Tumour size of a walnut in spleen. Tough and like wet wash leather. This appeared on microscopic examination to be a fibro adenoma. Capsules of kidneys slightly adherent.	164	General paralysis. (Not confirmed by microscopical examination of the brain.)
J. B. 23,767	50	..	..	21	General paralysis.	Brain—recent sub-dural hemorrhage from ruptured vessel in meninges over right angular gyrus. Atrophy in prefrontal region and at vertex.	1345	Right pleura thickened and adherent. Slight atheroma of aorta.	340	Kidneys — capsules stript badly, tough; small cysts.	252	General paralysis.
W. H. B. 23,751	76	..	..	12	Organic dementia.	Brain—slight atheroma of basal arteries. Thick organised false membrane over right cerebral hemisphere, marked general atrophy. Softening size of a walnut occupying the anterior end of right prefrontal lobe, and a smaller one about one-third of an inch behind this.	1520	Thyroid large (35). Aorta and coronaries atheromatous and aorta and mitral cups thickened and calcareous.	452	Kidneys very cystic. Cortex narrow. Capsules adherent.	285	Cerebral softening. Cystic disease of kidneys.
G. C. 21,746	51	2	2	..	General paralysis.	Brain—meninges milky, adherent and bound together at mesial surface of frontal pole. Floor of fourth ventricle granular.	1185	Pleural adhesions at left base. Some pericarditis. Aorta very atheromatous and ulcerated. Coronaries tortuous and rigid.	352	Kidneys—capsules adherent. Cortex narrow, colour natural.	235	General paralysis.
W. C. 22,170	19	2	..	..	Epileptic imbecile.	Brain—nil abnormal detected.	1251	Caseous deposits at left apex.	265	Kidneys natural.	229	Status epilepticus.
E. C. 22,447	58	1	2	..	Hilarious, loquacious. Exalted ideas of his wealth and abilities.	Brain—slight atrophy in prefrontal areas.	1463	Pericarditis. Some atheroma of aorta.	435	Kidneys natural.	338	Acute rheumatism. Morbus cordis.
F. G. C. 23,118	40	..	11	..	General paralysis.	Brain—meninges milky and adherent. No granulations in ventricles.	1387	Thyroid (20) cystic and contained hard nodules. Aorta atheromatous.	375	Kidneys natural.	258	General paralysis.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
T. C. 23,371	84	..	..	5	Noisy and restless. Senile dementia.	Brain—basal arteries atheromatous. Atrophy in frontal and occipital regions. Ventricles dilated and granular.	1237	Adhesions of right pleura. Mitral valves stenosed and calcareous. Aortic valves atheromatous. Aorta dilated and calcareous.	287	Small yellow grain-like stones in gall bladder. Kidneys—cystic, pale, tough. Capsules adherent. Cortex thin.	155	Senile decay and morbus cordis. He had a cutaneous horn half an inch in diameter and 1½ inches long on dorsal surface of left hand.
H. C. C 23,445	36	..	..	35	Agitated, depressed and resistive. Picks his skin. Bad health.	Brain—marked milkiness over parietal and frontal regions. Atrophy at top of parietal. No granulations. Microscopic examination showed no sign of general paralysis.	1439	Pneumonic condition (red hepatization) of right lower lobe. Some atheroma of aorta.	275	Kidneys engorged. Capsules adherent, leaving granular surface.	275	Pneumonia.
T. C. 23,464	61	..	..	11	Demented, restless, dirty in habits, unable to stand. Chronic alcoholic.	Brain — basal vessels calcareous. Two recent softenings in left paracentral lobe and small recent hemorrhage in right internal capsule.	1246	Aorta and coronaries atheromatous. Aortic valves atheromatous and calcified.	390	A few small granular stones in gall bladder. Kidneys pale, nil abnormal noted.	257	Cerebral hemorrhage.
W. C. 23,483	64	..	..	16	Confused, restless, disorientated.	Brain—basal vessels atheromatous; a tough, dirty yellow, well-defined tumour, size of a chestnut, occupied the anterior end of corpus callosum and spread into the frontal regions on right side.	1445	Patch of greyish and yellow infiltration with hemorrhage on posterior surface of larynx. Pleural adhesions on left side. Aorta calcareous. Aortic cusps ditto. Coronaries hard.	317	Kidneys tough, cortex thin, stript badly. Cysts.	252	Interstitial nephritis. Cerebral tumour.
J. D. 16,251	42	10	..	..	Epileptic insanity. Dementia. Alcoholic history.	Brain—Except sclerosis of left cornu ammonis nothing abnormal detected. Microscopically—right and left Asc, Fr. and prefrontal and cerebellum examined, nothing special to note except some hyaline thickening of arteries.	1272	Pleural adhesions at right base. Slight atheroma of mitral and aortic cusps. Atheroma of aorta more marked in abdominal portion.	285	Liver pale and fatty-looking, but microscopic examination showed no fatty nor other change. Kidneys—stript badly, pale, showed on microscopical examination no marked change except some slight cloudy swelling.	203	Epilepsy.
W. D. 23,291	51	..	4	..	Dull and apprehensive. Could give no account of his actions prior to his admission. Paroxysms of excitement, shouting "Lord have mercy on my soul."	Brain—Beyond some slight milkiness of membranes nothing abnormal found. Microscopic examination showed hyaline thickening of arteries; corpora amylaceæ at surface of cortex. Degenerative changes in nerve cells. (Prefrontal ascending frontal and cerebellum examined.)	1537	Adhesions of left pleura at apex. Heart muscle soft and pale. Mitral orifice dilated.	325	Liver showed, microscopically, slight cirrhotic changes and coarse fatty infiltration. Kidneys, microscopically, showed considerable increase of interstitial tissue and moderate endarteritis.	300	Mitral incompetency.
C. E. 23,363	37	..	..	98	Epileptic imbecile.	Brain—slight milkiness of membranes at vertex and atrophy along this region.	1010	Adhesions of left pleura posteriorly; slight thickening of mitral cusps.	232	Kidneys very tough. Cortex thin. Capsules adherent.	187	Epilepsy.
G. E. 23,637	70	..	4	..	Subject to fits and noisy, restless and confused after them.	Brain—internal carotids atheromatous. Marked atrophy in right frontal region at vertex. Less noted on left side. A brown softening in right prefrontal cortex.	..	Atheroma of aorta and coronaries.	270	Kidneys tough. Cortex thin.	204	Senile decay.
W. F. 6,888	41	25	..	..	Epileptic imbecile.	Brain—nil abnormal detected.	1315	Left pleural sac obliterated, pleura thickened, and the apex of the left lung converted into a dense fibrous mass. Aortic stenosis. Coronaries atheromatous. Thyroid large (25).	295	Kidneys engorged. Capsules stript badly. Cortex thin.	227	Epilepsy. Morbus cordis.
G. F. 10,054	42	9	..	..	Imbecile and very demented before death with kalatonic symptoms.	Brain—nothing abnormal detected.	1400	Aorta and aortic valve atheromatous.	298	Kidneys—capsules adherent, Cortex thin. Big cyst (half-inch in diameter) on left.	264	Morbus cordis.
C. F. 3,050	71	41	..	..	Secondary dementia.	Brain — endarteritis of basal arteries. General atrophy of brain cortex.	1190	Old calcareous patch at left apex. Heart muscle pale and soft. Slight atheroma of aorta and aortic valve.	472	Kidneys—nothing abnormal detected.	232	Fatty degeneration of heart. Senile decay.
H. F. 23,571	42	..	..	4	Acute delirious mania.	Brain—Membranes milky, bound together on mesial aspect of frontal lobes. Atrophy in superior parietal and central. Microscopical examination—marked hyaline thickening of meningeal arteries in prefrontal and cerebellar regions. Betz cells degenerated and eroded.	1400	Aorta atheromatous and ulcerated in abdominal part. Aortic valves atheromatous. Coronaries thick and tortuous. Thyroid large (20).	388	Liver showed considerable coarse fatty degeneration on microscopic examination. No cirrhosis. Kidneys (microscopically examined) fairly natural.	298	Heart failure.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
W. F. 23,617	46	..	..	14	General paralysis.	Brain — membranes very milky and adherent between frontal poles. Atrophy in prefrontal region.	1259	Nil abnormal.	340	Kidneys—cortex thin. Small cysts.	254	General paralysis.
H. F. 23,802	44	..	..	17	General paralysis.	Brain — membranes thick and milky. Atrophy marked in parietal region. Granulations on floor of iv. ventricle.	1593	Heart muscle pale and soft. Aorta very atheromatous. Coronaries ditto. Thyroid very large (52).	385	Capsule of left kidney adherent.	294	General paralysis.
J. G. 20,267	51	5	..	..	A low type of man with persecutory delusions. Very troublesome and refractory. Alcoholic history.	Brain—nothing abnormal detected.	1230	Heart muscle pale and friable. Granulations on aortic valve. Some atheroma all along aorta and in coronaries.	278	Kidneys—nothing abnormal detected.	240	Endocarditis.
H. G. 22,208	51	2	..	..	Organic dementia. Dirty in habits and destructive to clothing.	Brain—on opening the dura a quantity of red fluid escaped. Anterior, middle and posterior fossæ were lined with a membrane of organised lymph.	1100	Pleuræ adherent at bases. Right lower lobe consolidated.	247	Kidneys appeared natural.	210	Sub dural hemorrhage. Pneumonia.
H. J. G. 22,319	38	1	3	..	Epileptic imbecile.	Brain—simple pattern with oblique sylvian fissure. Microscopic examination—small cell gliosis in zonal layer and corpora amylacea. Betz cells axonal-like (immature). Many hyaline spheres in vessels.	1470	Half-pint of shaggy lymph in left pleural sac. Both lungs showed broncho-pneumonia. Aorta and valves slightly atheromatous. Thyroid large (42).	335	Liver—no cirrhosis or fatty changes observed microscopically. Kidneys — lobulated. Microscopic examination showed nothing abnormal.	320	Broncho-pneumonia and pleurisy.
S. W. G. 23,127	57	..	9	..	General paralysis.	Brain—some atrophy in prefrontal and superior parietal lobes. Membranes very milky.	1390	Aorta very atheromatous. Coronaries atheromatous.	280	Kidneys appeared natural.	230	General paralysis.
F. G. 23,140	60	..	1	29	Organic dementia.	Brain—basal vessels calcareous. Slight atrophy in sup. parietal and prefrontal. Small softenings (old) in post part of corona radiator and ventticular nucleus of both sides.	1327	Aorta very bad, atheromatous and ulcerated. Coronaries tortuous and hard.	288	Kidneys—pale, tough. Cortex thin. Capsules stript easily.	200	Morbus cordis.
E. S. G. 23,340	44	..	2	17	General paralysis.	Brain — basal vessels atheromatous. Membranes adherent. Granulations in lateral and iv. ventricles.	1344	Aortic and mitral cusps atheromatous. Aorta and coronaries atheromatous.	305	Natural in appearance.	277	General paralysis.
J. G. 23,382	79	..	..	24	Senile dementia.	Brain—basal vessels atheromatous. General atrophy. Large patch of softening 1 by 1½ inches on left side in white matter near descending horn of lateral ventricle.	1400	Right pleura adherent. Aortic cusps calcareous. Mitral stenosed. Aorta very atheromatous. Coronaries atheromatous.	395	Kidneys—advanced cystic.	235	Senile decay. Morbus cordis.
J. G. 23,416	70	..	..	21	Senile dementia.	Brain—basal vessels calcareous. Local atrophy at vertex, chiefly in sup. parietal region. Diffuse yellow brown growths (1) at post end of corpus callosum above the pineal gland, (2) on right side implicating cortex, and white matter of cornu ammonis size of pigeon's egg (? gummata).	1326	Bronchitis and emphysema. Atheroma of aortic valves, aorta and coronaries.	322	Duodenal ulcer a quarter of an inch in diameter. Adherent stone, size of a pea, in gall bladder. Kidneys tongh. Cortex very thin. Capsules adherent.	177	Bronchitis. Morbus cordis.
J. G. 23,425	60	..	..	10	Demented and depressed.	Brain — basal vessels atheromatous. Appeared natural except for asymmetry of the lateral ventricle, the right posterior horn being very shallow.	1339	Adhesions in both pluræ. Lungs congested. Stenosis of bicuspid and mitral valves. Slight atheroma of aorta.	192	Cyst, size of a marble, in left kidney.	179	Congestion of lungs.
R. B. H. 16,429	17	10	..	..	Epileptic imbecile.	Brain—appeared natural.	1213	Adhestons of right pleura at base and deep congestion of lower lobe of right lung.	140	Kidneys appeared natural.	125	Epilepsy.
W. H. 20,899	39	4	..	..	General paralysis.	Brain—meninges adherent over temporal lobes. Atrophy at vertex. Sulcus lunatus on both sides. IV. ventricle granular.	1303	Slight stenosis of aortic and mitral valves. Slight atheroma of aorta.	320	Kidneys appeared natural.	245	General paralysis.
W. A. H. 23,107	17	..	2	..	General paralysis on a weak-minded basis.	Brain—membranes adherent. Sulcus lunatus on left side. Ventricles dilated. No granulations.	1040	Natural.	165	Kidneys appeared natural.	154	General paralysis.
F. H. 23,373	60	..	2	..	Demented, very restless, garrulous and spiteful.	Brain—large. Appeared natural.	1719	Thyroid large and fibrous (73). Aortic valves, aorta and coronaries atheromatous.	300	Small cyst in each kidney. Elsewhere they appeared natural.	264	Morbus cordis.
G. P. J. 21,897	34	2	2	..	Epileptic insanity.	Brain—some atrophy at vertex.	1562	Heart muscle pale and soft. Slight atheroma of aorta.	298	Kidneys—capsules adherent. Cortex pale and thin. Consistency firm.	272	Epilepsy.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
A. J. 22,750	37	..	9	..	General paralysis	Brain—meninges milky at vertex. Some atrophy in prefrontal region and along Sylvian fissure. Sulcus lunatus on Right. Granulations on floor of iv. ventricle.	1201	Slight atheroma of aortic cusps but aorta itself healthy.	272	Kidneys—capsules adherent.	225	General paralysis.
W. J. J. 23,316	11	..	8	..	Epileptic imbecile.	Brain—nil abnormal detected.	1313	Heart and vessels natural.	150	Kidneys natural.	132	Epilepsy.
G. K. 12,820	63	15	..	..	Epileptic insanity	Brain—basal vessels atheromatous.	1362	Bronchitis—Heart muscle pale and soft. Aortic cusps atheromatous and aorta also, especially in abdominal portion.	465	Kidneys pale and with thin cortices.	131	——
A. H. L. 17,332	37	9	..	..	Myxœdematous insanity.	Brain—slight atrophy at vertex and in parietal lobes. Olivary bodies sclerosed. Microscopic examination of prefrontal and ascending frontal cortex and cerebellum. Small nerve cells characterised by degenerative changes. Broken down body and halo round nucleus. Betz cells large and axonal-like or immature with bladder-like nucleus.	1424	Thyroid atrophic—9 grms. Pleura adherent.	382	Kidneys pale.	232	Myxœdema.
A. L. 23,320	13	..	..	5	Epileptic imbecile.	Brain—sclerosis of left cornu ammonis. Microscopic examination of prefrontal and right and left ascending frontal and cerebellum. Signs of degeneration of the nerve cells in outer layers characterised by crumbling of cytoplasm and formation of halo around nucleus. Some felting of the zonal layer and little buds on left ascending frontal only.	1273	Adhesions of right pleura. Slight atheroma of arch of aorta.	230	Kidneys natural.	195	Epilepsy.
A. L. 23,420	59	..	6	..	Acute melancholia.	Brain—atrophy along Rolandic fissure of both sides. Membranes milky.	1359	Left lower lobe consolidated. Slight atheroma of aorta and coronaries.	325	Kidneys—lobulated, hard. Capsules stript badly. Cortex rather thin.	391	Pneumonia.
T. L. 23,677	64	..	..	12	Actively maniacal. Described as always having been excitable and obstinate. Here 9 years ago.	Brain—general and considerable atrophy of cortex.	1229	Thyroid small (10g.), pale and tough. Old adhesions in both pleura. Aorta slightly atheromatous in upper parts. Considerable atheroma in lower.	260	Kidneys—cystic. Capsules adherent.	246	Chronic Bright's disease.
S. I. L. 23,816	57	..	..	3	Delirious, noisy, restless and incoherent.	Brain—basal arteries, patches of atheroma. Circle of illis abnormally formed. Atrophy of cortex on right side behind angular gyrus and adjacent occipital lobe. Sulcus lunatus on left. Old softenings in right Thalamus.	1512	Adhesions in left pleura. Aorta atheromatous.	215	Six stones in gall bladder. Stone and pus in left kidney.	228	Arterio sclerosis; cerebral softenings.
J. M. 18.081	25	8	..	..	Probably an epileptic imbecile. Very violent and dangerous and degraded.	Brain—recent hemorrhagic film over right side, which had originated from a ruptured meningeal vein over the posterior part of the right 3rd frontal. Sulcus lunatus on left. Microscopic examination of right 3rd frontal and right and left ascending frontal cortex. Several microscopic cortical extravasations found in the 3rd frontal convolution. No structural changes in vessel walls noted beyond rupture. No gliosis.	1335	Right pleura adherent all over.	270	Kidneys appeared natural.	217	Cerebral hemorrhage.
R. H. M. 22,164	53	2	..	..	General paralysis. Alcoholic history.	Brain—Patch of endarteritis in basilar artery, slight rusty discoloration of dura on inner aspect, left side. Local atrophy very marked (1) on left in sylvian fissure and sulcus in front of ascending frontal, (2) along sulcus bounding the ascending frontal anteriorly, (3) Prefrontals. Sulcus lunatus both sides. Floor of iv. granular.	1238	Adhesions in right pleura. Cusps of aortic and mitral valves thickened. Atheroma of aorta.	328	Kidneys appeared natural	277	General paralysis.
J. W. M 22,962	42	..	8	..	General paralysis.	Brain—Membranes milky. Atrophy over parietal region. Ventricles dilated and floor of iv. granular.	1515	Marked atheroma of aorta. Slight atheroma of coronaries.	355	Kidneys appeared natural.	350	General paralysis.
J. M. 22,123	45	..	2	12	General paralysis.	Brain—Meninges slightly opaque and adherent. No granulations in ivth. ventricle.	1329	Old adhesions in right pleura. Aortic cusps atheromatous and aorta very atheromatous.	315	Soft yellow gall stones. Kidneys pale, firm. Capsules stript well.	307	General paralysis.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
D. E. M. 23,247	70	..	3	..	Senile melancholia.	Brain — basal vessels markedly atheromatous. Atrophy along vertex and in occipital region. Lateral ventricles dilated.	1353	Pneumonic consolidation of both lungs. Aortic valves very atheromatous and aorta very bad (atheromatous and ulcerated). Coronaries thickened and tortuous.	265	Numerous small yellow gall stones. Kidneys stript well. Cortex thin and pale.	297	Pneumonia.
J. M. 23,273	52	..	3	..	Delusional insanity.	Brain—atrophy all along vertex from Prefrontal to Parieto - occipital, chiefly in parietal region. Sulcus lunatus on both sides. Brain tough.	1243	Adhesions in both pleuræ. Advanced tubercular disease with cavities.	245	Kidneys fair.	289	Pulmonary tuberculosis.
H. M. 23,344	60	..	7	..	Senile dementia.	Brain—slight atheroma of basal arteries. Organised sub-dural membrane on right side. Marked atrophy in central convolutions. Deep lakelets on right side beneath meninges.	Not stated.	Adhesions at apex of left pleura. Puckering and fibrous tissue at apices. Pneumonic consolidation of right lower lobe. Aorta and coronaries bad (atheromatous).	—	Kidneys—nothing special to note.	—	Pneumonia.
A. M. 23,359	25	..		..	Congenital defect (Imbecility with epilepsy).	Brain appeared natural.	—	Old adhesions of both pleuræ.	295	Kidneys natural.	230	Status epilepticus.
W. M. 23,627	67	..	..	4	A feeble, restless old man. Speaks in a whisper only, and can tell nothing about himself. Dirty in habits and requiring everything to be done for him.	Brain—Congestion of membranes. Marked atrophy over parietal lobes and posterior frontal. Ventricles dilated.	1500	Apices thickened and fibrous with calcareous deposit. Muscle of heart pale and easily broken down. Aorta atheromatous. Mitral stenosis.	290	Kidneys pale and tough.	228	Fatty degeneration of heart.
C. M. 23,707	68	..	3	..	Congenitally defective. Vicious and immoral habits.	Brain—simple pattern. Sulcus lunatus on left side.	1473	Lower two-thirds of lower lobes pneumonic. Aorta and its cusps atheromatous.	282	Stomach filled with a mixture of hair and putty-like material, weighing 762 grammes. Kidneys tough. Cortex thin. Stript badly.	224	Pneumonia.
J. M. 23,682	68	..	1	..	Confusion with peripheral neuritic symptoms and alcoholic history. (Polyneuritic psychosis.)	Brain—patches of endarteritis on basal arteries. Atrophy chiefly at vertex and in Prefrontal regions. Ventricles dilated. Microscopic examination of posterior tibial nerves showed atrophy and marked deficiency in medullated nerve fibres.	1246	Adhesions to base and back in right pleura. Aortic cusps calcareous. Mitral stenosis Marked atheroma and dilatation of aorta. Atheroma of coronaries.	315	Kidneys tough. Cortex stript badly. Small cysts in both.	245	Chronic kidney disease.
J. M. 23,741	65	..	..	1	Delirious. Inquest held.	Brain—slight atheroma of basal vessels. Recent hæmorrhage lined right middle fossa covering the temporal lobe. It appeared to originate from a ruptured vessel in the membranes near top of temporal lobe. Microscopic examination. Marked hyaline thickening of vessels in temporal lobe and right ascending frontal. Thin sclerosed rim to zonal layer with corpora amylaceæ and slight small cell gliosis in zonal layer of temporal and prefrontal regions. Degenerative changes in nerves cells characterised by crumbling of cell body and halo formation round nucleus; found also in ascending frontal region. Betz cells axonal like or immature in 10—12 per cent. Others good. Marked excess of pigment. Nil abnormal in cerebellum.	1317	Epitheliomations tumour in glands of neck on left side. Calcarous nodules in apices of lungs. Slight atheroma of aorta.	—	Kidneys pale and waxy looking. Capsules stript with difficulty.	380	Subdural hemorrhage.
H. W. N. 21,835	7	2	..	..	Epileptic imbecile.	Brain—appeared natural.	1200	Left lung showed patches of broncho-pneumonia.	113	Kidneys natural.	142	Broncho-pneumonia.
F. N. 23,066	39	..	10	..	General paralysis.	Brain—basal vessels opaque. Membranes thick milky. Atrophy of surface chiefly in Prefrontal area. Lateral venticles dilated. Floor of iv. worm-eaten aspect.	1330	Mitral cusps very rigid. Aperture dilated. Slight atheroma of aorta.	485	Kidneys natural.	235	General paralysis.
H. J. N. 23,153	63	..	8	..	Dull, stuporose and cataleptic, without interest in affairs or friends.	Brain—basal vessels atheromatous. General atrophy of cortex but most marked in central areas.	1575	Heart muscle appeared fatty. Mitral and aortic valves thickened and stenosed. Aorta very atheromatous. Coronaries atheromatous.	485	Kidneys large and fatty looking.	339	Valvular disease of heart.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
J. N. 23,503	19	..	2	..	Epileptic imbecile.	Brain—inner surface of right occipital lobe microgyric. Ventricles dilated and granular right cornu ammonis sclerosed. Left outer surface over greater part converted into jelly like mass. Floor or iv. granular.	985	Nil.	215	Nil.	202	Status epilepticus. Cerebral atrophy.
D. O. 23,704	22	..	2	..	Epileptic insanity.	Brain—sclerosis of right cornu ammonis,	1385	—-	345	Kidneys stript badly.	310	Epilepsy.
J. W. P. 15,185	61	12	..	..	Delusional insanity. Querulous and suspicious.	Brain—basal vessels atheromatous. Atrophy in prefrontal area and vertex. Lateral ventricles dilated.	1399	Old pleural adhesions and fluid on right. Mitral and aortic valves thickened. Thoracic aorta slightly atheromatous. Abdominal aorta very bad, calcareous. Coronaries atheromatous.	630	Kidneys tough. Stript badly. Cystic.	320	Heart disease.
B. P. 23,081	47	..	7	22	General paralysis.	Brain—marked atrophy of convolutions chiefly in prefrontal areas and vertex. No granulations on iv. ventricle.	1230	Adhesions of left pleura at base. Mitral stenosis. Slight atheroma of aorta.	350	Kidneys appeared natural.	250	General paralysis.
T. P. 23,235	11	..	..	11	Epileptic imbecile. (Lumbar puncture gave negative re-action to Ross Jones test.)	Brain—naked eye showed nothing but sclerosis of olivary bodies. Spinal cord very firm. Microsccpic examination. The prefrontal region was characterised by degenerative changes in the pyramidal cells with crumbling of cytoplasm and presence of perinuclear haloes. In the spinal cord there was marked dilatation of the central canal.	1247	Bronchitis. Slight atheroma in aorta.	108	Liver natural on microscopical examination. Kidneys showed cloudy swelling.	128	Convulsions. Bronchitis.
R. P. 23,348	41	..	..	9	Admitted in acutely maniacal state and continued to have paroxysms of phrenzy till his death. Probably always of low intelligence. (Standard III.)	Brain—recent hæmorrhage over 1st frontal convolution on left. Some atrophy in sup parietal lobe and slight in prefrontal. Microscopic examination of prefrontal and right and left ascending fronting cortex showed degenerative changes with halo around nucleus in outer (pyr) layer, most noted in prefrontal. Small ruptured vessel seen in molecular layer of cerebellum.	1467	Pleura adherent on both sides, commencing pneumonia in lower lobe of right. Slight atheroma of aorta.	280	Liver — microscopic examination, some fatty degeneration in centre of lobules. Kidneys pale and tough. Showed some interstitial increase. Moderate endarteritis of large arteries. Large number of hyaline casts.	240	(Cut throat and fractured rib.) Exhaustion of mania and pneumonia.
W. R. 15,555	66	11	..	..	Organic dementia. Amnesic.	Brain—basal vessels slightly atheromatous. Softenings (old) in putamen of both lenticular nuclei and 2 on right side of cortex. Lateral ventricles dilated.	1235	Stenosis of aortic valve. Old endocarditis of mitral. Aorta very atheromatous.	405	Kidneys typically arterio sclerotic.	196	Senile decay. Chronic Bright's.
C. S. 18,728	79	7	..	..	? Delusional insanity.	Brain—marked endarteritis of basal vessels. Very marked atrophy in prefrontal, vertex, superior parietal and mesial surface of frontal, both sides. Old cortical lesion with shrinking at top of right ascending prefrontal and sup-parietal.	1212	Aortic valves and aorta and coronaries atheromatous.	525	Capsules adherent. Cortex pale, firm.	234	Morbus cordis. Chronic Bright's.
J. S. 20,461	74	4	..	..	Senile dementia. Noisy, foul and abusive in language, but clean in habits.	Brain—basal vessels very bad. A tough pale membrane, thickest over central convolutions, lined the dura on right side. General atrophy of convolutions. Grey atrophy left optic nerve.	1165	Aorta and coronaries atheromatous.	320	Kidneys stript badly Cyst in right.	182	Senile decay.
J. S. 22,981	65	..	5	..	Depressed and worried by voices from the ceiling saying abusive things about him. Has been 3 times previously an inmate in the past 17 years.	Brain—atrophy over frontal and occipital regions.	1388	Pleura adherent on both sides at bases. Muscle of heart soft. Atheroma of aortic valve. Slight atheroma of aorta.	358	Kidneys pale, firm. Capsules adherent. Cortex thin.	190	Morbus cordis
W. A. S. 23,040	52	..	6	..	General paralysis.	Brain—basal vessels atheromatous. Lateral ventricles dilated. Floor of iv. granular.	1232	Pneumonic consolidation of right lower lobe. Aortic valve and aorta atheromatous.	205	Kidneys pale. Capsules stript well	185	General paralysis. Pneumonia.
T. S. 23,520	33	..	..	4	Admitted in a stuporose state and never regained consciousness.	Brain—surface flattened from pressure. Tumour size of hazel nut in right corpus striatum with mammillated surface. Ventricles dilated.	—	Some scattered pleural adhesions on both sides.	310	Kidneys very pale and tough.	370	Uræmia. Cerebral tumour.
H. J. S. 23,604	35	..	..	19	General paralysis.	Brain—meninges milky and adherent and bound together at mesio-frontal surface.	1219	Very slight atheroma of aorta.	265	Kidneys appeared natural	200	General paralysis.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
W. S. 23,792	67	..	..	29	Demented and amnesic.	Brain—basal vessels atheromatous. Marked atrophy in parietal regions.	1403	Lower part of left lobe in state of pneumonic consolidation. Aorta markedly atheromatous.	255	Kidneys appeared natural.	245	Pneumonia.
G. T. 22,944	36	..	11	..	General paralysis. Alcoholic history.	Brain—general atrophy of surface.	1280	Adhesions of right pleura. Aorta slightly atheromatous.	299	Kidneys lobulated.	252	General paralysis.
C. C. T. 22,965	50	..	1	..	General paralysis. Alcoholic history.	Brain—basal arteries thickened. Marked atrophy in both frontal regions. Floor of iv. ventricle granular.	1335	Adhesions at base of right pleura. Both lower lobes in state of red hepatisation. Aorta markedly atheromatous. Coronaries thickened and tortuous.	270	Kidneys appeared natural.	293	General paralysis. Pneumonia.
W. T. 23,578	35	..	2	..	General paralysis.	Brain—meninges thickened and bound together at base. Granulations in floor of iv. ventricle.	1267	Vessels good.	245	Kidneys appeared natural.	265	General paralysis.
C. E. T. 23,728	60	..	2	..	General paralysis.	Brain—basal vessels atheromatous. Marked atrophy of cerebral cortex. Lateral ventricles dilated and there were granulations on their ependyma and on that of the iv. ventricle.	1360	Patches of broncho-pneumonia in both lungs and calcareous deposits at apices. Atheroma of aorta.	358	Kidneys appeared natural.	224	General paralysis. Pneumonia.
A. E. W. 21,856	34	2	..	..	Dementia prœcox (hebephrenia).	Brain—Nil abnormal.	1273	Adhesions of both pleuræ posteriorly. Cavity size of walnut in lobe of right; rest of lung in pneumonic state. Cavity same size in left lung.	215	——	304	Phthisis pulmonalis.
H. C. W. 22,769	58	..	9	..	Confused, amnesic, confabulates (transiently), emotional. Suffers from gout, and has had lead colic —a house painter.	Brain—marked atrophy at vertex (at top of ascending frontals and post, part of first frontal).	1380	Advanced tubercular disease of lungs. Aorta atheromatous.	372	Some sand-like gall stones, Kidneys cystic.	307	Phthisis pulmonalis.
E. W. 23,470	69	..	..	5	Senile dementia. Very restless and depressed.	Brain—basal vessels bad, atheromatous; small softening size of split pea just below anterior tubercle of left thalamus, also one in pons and in left side of cerebellum, in white matter.	1519	Firm adhesions in post part of left pleura and apex of right. Aortic valves and aorta and coronaries atheromatous. Thyroid 35. Calcareous nodules and hæmorrhage in it.	342	Kidneys fair.	280	Morbus cordis.
C. W. 8,234	71	23	..	..	Secondary dementia. Showed symptoms of general paralysis on admission.	Brain—basal arteries calcareous. Marked atrophy in prefrontal areas. A few granulations in upper part of iv. ventricle. Sulcus lunatus on both sides. Microscopic examination. Prefrontal, right and left ascending frontal, and cerebellum some fibroid thickening of meninges and hyaline degeneration of arteries in prefrontal region, otherwise nothing special found. No general paralytic lesions.	1260	Pleuræ adherent on both sides. Aorta very atheromatous and ulcerated. Coronaries atheromatous.	425	Liver (microscopic examination). Considerable increase of small peri-adventitial nuclei and some small plasma cells (verified by Pappenheim's Stain). Also little necrosed or lymphoid patches. Some perivascular cirrhosis. Kidneys cystic.	205	Senile decay.
H. A. 22,306	38	2	..	..	Dementia proecox (katatonia).	Brain—natural.	1518	Right pleura adherent and studded with tubercles. Large tubercular abscesses at apex and upper part right lung. Tubercular deposits at apex and middle of left lung. Some atheroma of aorta.	306	Kidneys appeared natural.	296	Pulmonary tuberculosis.
C. J. W. A. 22,952	49	1	4	..	General paralysis with history of alcoholism.	Brain—subdural hæmorrhage on left side. Marked atrophy at top of ascending frontal convolutions. Olfactory bulbs tough and atrophied. Granulations in floor of iv.	1080	Aorta healthy.	298	Kidneys natural.	218	General paralysis.
J. A. 16,212	50	..	9	..	? Dementia prœcox (hebephrenia).	Brain—very firm. Lateral ventricles dilated.	1283	Pneumonic consolidation of right lower lobe. Mitral valve stenosed. Aorta atheromatous.	460	Kidneys tough. Capsules stript badly.	313	Pneumonia.
T. J. B. 23,823	46	..	..	40	General paralysis.	Brain—meninges milky and slightly adherent. General and marked atrophy of convolutions.	1194	Pleural adhesions on left side. Some atheroma of aorta.	322	Kidneys lobulated. Capsules stript with difficulty. Firm.	259	General paralysis.
H. B. 23,237	49	..	10	..	General paralysis.	Brain—meninges bound together at meso-frontal surface. Atrophy chiefly in prefrontal and frontal areas. Consistency increased.	1320	Right pleura adherent all over, and right lung deeply congested (? early pneumonia). Aorta atheromatous.	345	Kidneys pale and tough.	277	General paralysis.

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S. J. B 23,723	64	••	2	..	Polyneuritic psychosis (Korsakoff's disease). Alcoholic history.	Brain—Thin false membrane in anterior fossa over ethmoid bone. Brain appeared natural. Microscopic examination. Brain ascending frontal showed felted surface with corpora amylacea in large numbers. Marked hyaline thickening of arterioes and the Betz cells are all in state of advanced axonal change. Prefrontal : no thickening of arteries or corpora amylacea noted. Cerebellum : marked hyaline thickening of vessels in meninges. Purkinje cells : 24 per cent. are axonal like. Corpora amylacea noted in purkinje celi layer. Right and left post tibials show fibrotic atrophy.	1268	Slight stenosis of mitral and aortic valves. Aorta shows some atheroma in abdominal part only.	348	Kidneys appeared natural. Liver cirrhotic. Microscopic examination — Liver markedly cirrhotic and with much small cell infiltration. Many plasma cells. Considerable fatty degeneration. Kidney—increase of interstitial tissues throughout cortex and marked endarteritis, especially of the smaller vessels.	245	Cardiac disease and cirrhosis of liver.
W. F. C 23,082	9	..	11	..	Low grade imbecile. Subject to epilepsy.	Brain—excess of fluid beneath dura, arachnoid and in ventricles, microgyri in left occipital region. Left side of brain very rudimentary.	R. C. H. 442 L. C. H. 228	Calcareous gland in mediastinum.	132	Kidneys natural.	108	Epilepsy.
T. C. 23,831	78	..	1	14	Senile dementia. Noisy and restless.	Brain—basal vessels very atheromatous. Excess of fluid beneath dura, arachnoid, and in ventricles. Softening size of walnut anterior end of right temporal lobe.	1299	Left pleura adherent and thickened. Stenosis of mitral valve. Atheroma of aortic valve and aorta.	380	Kidneys — Cortex thin. Capsules adherent. Big cyst in left.	290	Senile decay. Cerebral softening.
E. C. 23,838	62	••	1	..	General paralysis.	Brain—meninges thick and milky. General atrophy of convolutions. Some granulations on floor of iv.	1284	Right pleura very adherent and thickened. Aorta very atheromatous.	380	Kidneys—capsules stript badly.	255	General paralysis.
A. E. D. 23,759	23	••	2	..	Epileptic imbecile of low grade.	Brain—tough.	1217	Left lung pneumonic at base.	—	Kidneys lobulated.	225	Epilepsy. Pneumonia.
W. E. 23,702	61	..	2	2	Demented and disorientated. Had two apoplectiform seizures during residence here.	Brain—Softenings near anterior genu and towards centre of corpus collosum. Enormous dilatation of ventricles.	1352.	——	365	Kidneys appeared natural.	320	Cerebral softening.
G. W. F. 23,211	24	..	10	..	Imbecile. Degraded habits.	Brain—sulcus lunatus on left.	1208	Heart wall soft and fatty. Right auriculo-ventricular orifice incompetent. Mitral stenosis. Slight atheroma of aorta.	195	Kidneys appeared natural.	160	Cardiac disease (valvular).
S. H. 22,753	27	1	7	..	Imbecile and subject to epilepsy.	Brain—appeared natural.	1514	——	292	Kidneys appeared natural.	275	Epilepsy.
J. L. 23,824	71	..	..	19	Depressed and delusive that he has committed a crime and ought to be locked up. (No grounds for this idea)	Brain—marked atrophy at vertex.	1246	Adhesions of left pleura at apex. Mitral stenosis. Aorta atheromatous.	355	Kidneys small and tough. Small fibrous nodules in cortex (infarcts).	180	Cardiac disease. Senile decay.
F. H. L. 23,841	26	..	..	22	Imbecile and subject to epilepsy.	Brain—firm.	1357	——	255	Kidneys appeared natural.	235	Epilepsy.
C. M. 23,502	55	..	7	..	Epileptic insanity.	Brain—basal arteries atheromatous. Slight atrophy in each prefrontal lobe.	1437	Atheroma of aorta and coronaries.	355	Kidneys appeared natural.	210	Epilepsy.
R. P. 23,358	19	..	..	..	Dementia præcox (katatonia).	Nothing abnormal detected.	—	Half-a-pint of blood-stained serum with flakes of lymph in right pleural sac. Right lung collapsed with several small abscesses at base, one of which had ruptured into pleural sac. Also abscess at apex.	—	Kidneys appeared natural.	—	Rupture of abscess of lung.
O. F. R. 23,058	39	1	1	..	General paralysis.	Brain—meninges milky and adherent. Atrophy at vertex and sup parietal and temporal chiefly. Granulations in lateral and iv. ventricles.	1402	Marked atheroma of descending arch of aorta. Abdominal part good.	345	Kidneys appeared natural.	300	General paralysis.
S. H. S. 23,719	58	..	3	14	Dull, depressed and lachrymose.	Nothing abnormal detected.	1635	Adhesions on both sides. Muco pus in bronchial tubes Aorta atheromatous.	185	Kidneys—Capsules adherent.	197	Pneumonia.
J. S. 23,452	16	7	..	..	Congential defect (imbecility) with epilepsy.	Brain—appeared natural.	—	Adhesions in both pleuræ.	170	Kidneys appeared natural.	198	Epilepsy.

MALE POST-MORTEMS—*continued.*

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
E. S. 23,804	66	..	1	..	Organic dementia.	Brain—some atrophy of left cerebrum and softening in frontal lobe. Lateral ventricles dilated.	1437	Muco-pus in bronchial tubes. Aorta and coronaries atheromatus.	280	Kidneys appeared natural. Some peri-splenitis.	202	Cerebral softening. Bronchitis.
W. S. 23,882	60	..	..	14	Organic dementia with amnesia.	Brain—basal vessels atheromatous. A large softening in post parietal region penetrating ventricles with recent hæmorrhage.	1301	Some atheroma of aorta.	300	Kidneys cystic.	135	Cerebral softening.
W. T. 23,774	22	..	2	..	Congenital defect. Epilepsy.	Brain—Nil, abnormal.	1382	Left ventricle dilated, small hæmorrhage in its wall	290	Kidneys appeared natural.	245	Epilepsy.
G. T. 23,455	31	..	7	..	General paralysis. Had a seizure on day of his death.	Brain—meninges milky. Atrophy general but chiefly at vertex along prefrontal and central areas. Lateral ventricle enormously dilated. Microscopic examination of prefrontal and ascending frontal showed marked general paralytic lesions in the cerebrum, probably more marked in the prefrontal. The cerebellum beyond a slight proliferation in the superficial part of meninges showed no characteristic lesion of general paralysis.	1332	Bronchitis of right lung.	308	Kidneys appeared natural.	269	General paralysis.
J. W. 23,244	62	..	10	8	Depressed, and delusive that he is acted on by electricity.	Brain—patches of atheroma in basal vessels. Atrophy at vertex over prefrontal and frontal areas. Sulcus lunatus on left side, Lateral ventricle dilated.	1510	Right pleura thickened at apex. Tubercular deposit size of walnut in left lower lobe, and several hard nodules at apex. Aorta atheromatous.	282	Kidneys granular and cystic.	230	Pulmonary tuberculosis.
W. W. 23,552	59	..	6	..	General paralysis.	Brain—meninges milky. Lateral ventricles greatly dilated. Ependyma grandular. Ependyma of iv. also granular.	1500	Mitral stenosis. Aorta atheromatous.	300	Kidneys appeared natural.	323	General paralysis.
J. W. 15,025	43	..	3	..	Epileptic insanity.	Brain—appeared natural.	1302	——	335	Kidneys appeared natural.	225	Epilepsy.
E. S. 21,115	58	2	11	..	Epileptic insanity. Of very fair intelligence.	Brain—showed nothing abnormal except sclerosis of right cornu ammonis.	1489	Slight atheroma of aorta. Thyroid large (30 gs.)	320	Kidneys appeared natural.	235	Epilepsy.
H. J. P. 23,663	72	..	4	23	Delusional insanity.	Brain—basal vessels atheromatous. General atrophy of convolutions. Sulcus lunatus on both sides. Choroid plexus cystic.	1272	Congestion (nearly pneumonic) of right base. Tricuspid valves incompetent. Aorta and mitral stenosed. Marked atheroma of aorta. Coronaries atheromatous.	388	Kidneys cystic and large.	—	
L. C. 23,167	4	..	3	..	Idiot. Epileptic fits since 6 months old.	Brain—dura very firmly adherent. Complex pattern.	980	Patches of consolidation in both lungs. Muco-pus in lobes.	45	Kidneys natural.	75	Broncho-pneumonia.
A. H. W. 23,286	3	..	1	11	Idiot. Epileptic.	Brain—irregular pattern. Fissure of sylvius very oblique. Gyri of parietal lobe and to some extent, of central gyri, shrunken, tough and puckered. Lateral ventricle not dilated. Olivary bodies very sclerosed. Microscopic examination of prefrontal showed badly orientated newe cells with degenerated cytoplasm but no gliosis. Left ascending frontal showed heterotopic arrangement of the nerve cells, with degeneration cytoplasm and halo-like arrangement round nucleus.	—	Heart small and with patent foramen ovale.	42	Kidneys appeared natural.	77	Organic brain disease.

FEMALE POST-MORTEMS.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death
R. A. 22,153	80	1	6	..	Dementia. Epileptic 12 years. History and habits unknown.	Brain—slight atrophy at vertex only. Fair pattern. Microscopic examination — Betz cells shrunken, heavily pigmented. Vessels fair, only one or two showed accumulation of leucocytes within their lumen.	1208	Lungs—emphysematous. Heart—muscle fatty. Atheroma of aorta and coronaries.	335	Kidneys—granular, contracted. Liver—gall stones. Microscopic examination— Liver—Marked endarteritis. Kidneys—Very advanced interstitial change. Pyæmic foci? Enormous endarteritis.	185	Cellulitis of arm. Very acute.
J. E. A. 23,586	54	..	4	..	2 sisters died here. 2 brothers of phthisis. Recurrent melancholia. Albuminuria. Extremely thin. Refused food.	Brain—soft. Atrophy in posterior central convolutions.	1327	Lungs—congested. Heart — mitral stenosis. Aorta and coronaries atheromatous.	240	Kidneys—granular. Liver—tough.	194	Chronic Bright's (Arterio sclerosis).
R. B. 26,772	22	3	9	..	Congenital defect. Insane heredity.	Brain—Shrinking in central and posterior parietal. Fair pattern. Basal vessels healthy. Microscopic examination—infiltration of meninges. Prefrontal cells in all stages of decay. Ascending frontal. Betz normal. Vessels, no structural change.	1147	Lungs—tubercular cavities left apex. Heart and vessels—natural.	235	Liver—pale patches. Kidneys—caseating masses. Microscopic examination— Liver—No fatty changes orcirrhosis. Kidneys—extensive small round cell proliferation and giant cells with many nuclei.	274	Tubercle of lungs and kidneys.
E. B. 21,899	50	2	..	..	Dementia præcox (katatonia). Barmaid.	Brain—natural, including blood vessels.	1283	Lungs—congested; muco-pus in tubes. Heart—natural. Aorta atheromatous.	170	Liver—congested. Kidneys—tough.	267	Broncho-pneumonia.
E. B. 23,412	45	..	..	13	Confusional. Drank stout. Signs of peripheral neuritis.	Brain—pattern fairly good. Blood vessels healthy.	1260	Lungs—tubercle in both, especially left. Heart—large and fatty. Aorta healthy.	310	Liver—pale and friable. Kidneys—Cysts. Stript badly.	220	Tubercle of lungs and intestine.
H.M.A.B. 23,465	55	..	4	..	Recurrent melancholia. Insane heredity. Very agitated.	Brain—fair pattern. No atrophy. Vessels natural. Microscopic examination—hyaline thickening of vessels of menlnges. Cells pigmented heavily. Some thickening of arterial walls.	1290	Lungs—oedematous and congested. Heart—valves opaque. Atheroma of aorta.	238	Liver—large and tough. Kidneys—large and tough. Stript badly.	290	Chronic Bright's disease.
P. B. 23,468	64	..	..	42	Senile dementia. No history. Alcohol denied. Arterio-sclerosis.	Brain—atrophy at vertex over central and prefrontal. Arteries natural (angioma in pons). Pattern fair.	1230	Lungs—emphysema and congestion. Heart—vessels atheromatous.	272	Liver—pale and soft. Kidneys—stript badly. Pale.	206	Chronic Bright's disease. Fatty degeneration of heart. Brain—Small angioma in right anterior reticular substance of pons.
H. B. 23,472	79	..	..	42	Senile dementia. Alcohol denied. Double mitral disease.	Brain—atrophy at vertex and in parietal region. Meninges, thick, blood vessels fair.	1218	Lungs—waterlogged. Heart—dilated. Muscle bad. Valves diseased.	450	Liver—congested and friable. Kidneys—small and friable.	165	Senility and morbus cordis.
C. B. 23,507	68	..	3	..	Senile dementia. No history.	Brain—meninges milky. Marked atrophy parietal region.	1085	Lungs—congested. Heart—aorta atheromatous.	280	Liver—pale and firm. One large gall stone occupying whole of gall bladder. Kidneys—small. Stript well.	322	Senile decay.
C. B. 23,742	76	..	..	3	Senile dementia. No history. Alcohol denied.	Brain—marked endarteritis. Atrophy general, chiefly in Prefrontal and ends of T.S. Pin head recent hæmorrhage in left occipital outer surface. Old softening in reticular substance of pons.	1125	Lungs—healthy. Heart — muscle friable. Aorta and coronaries atheromatous.	265	Liver—friable. Kidneys—granular. Small hæmorrhage in left supra-renal.	155	Senile decay. Hæmorrhage in left supra-renal.
A. C. 20,214	25	5	..	..	Dementia præcox. No history of insanity or alcohol. Melancholic and refused food.	Brain—blood vessels healthy.	1248	Lungs—some broncho-pneumonia. Heart—healthy. Foramen ovale patent.	115	Liver—natural. Kidneys—tough. Stript well.	110	Broncho-pneumonia. Patent foramen ovale. Large aperture.
E. C. 22,983	69	2 on & off	..	..	Senile dementia. Over two years' duration. Insane heredity.	Brain—basal arteries atheromatous and tortuous. Recent left subdural hæmorrhage. Basal ganglia riddled small softenings. (Right lenticular nucleus and thalamus.) Old yellow semi-fluid softenings of large size, involving superior parietal lobes of both sides and posterior part of temporal lobe on right.	1129	Lungs—emphysematous. Congested. Heart—ventricles, especially left, hypertrophied. Muscle pale and friable. Aorta atheromatous, especially abdominal. Coronaries calcareous.	395	Liver—tough. Kidneys—diminished cortex. Capsules stript badly.	210	Cerebral softening.
E. C. 22,326	42	1	6	..	Congenital defect without epilepsy. Insane heredity. Here in 1894.	Brain—Atrophy in parietal region at vertex. Brain firm.	1433	Lungs—right, full of tubercle; left, tubercle and pneumonia. Heart—natural. Coronary arteries atheromatous.	275	Liver—pale, firm. Kidneys—large, tough and pale.	280	Pulmonary tubercle.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death
M. A. C. 22,538	51	1	6	..	Recurrent melancholia. Has an insane son	Brain—bony spicules in falx cerebri.	1252	Lungs—waterlogged and congested. Heart—muscle pale and friable. Mitral stenosed.	395	Liver—nutmeg. Kidneys—tough, cystic and fibrous scar (? infarct).	337	Valvular heart disease.
E. C. 22,726	85	1	..	..	Senile dementia. Probably alcoholic. Blind.	Brain—blood vessels at base bulky and calcareous. Grey atrophy of optic nerves. Atrophy marked in central regions both sides. Sulcus lunatus on left.	1148	Lungs—grey hepatization. Heart—left ventricle hypertrophied. Aorta and coronaries calcareous.	282	Liver—pale and friable. Kidneys—soft. Covered with cysts. Surface granular.	237	Senile decay. Sulcus lunatus.
L. J. C. 23,021	49	..	9	..	Confusional insanity with peripheral neuritis. History of drink, insane heredity. In May, 1912, Herpes in left axilla and over musculo-spiral.	Brain—meninges milky. Atrophy over central convolutions. Sulcus lunatus on right side. Microscopic examination—cells showed no Tigroid, but more or less (more in Betz cells) dark green pigment. Right and left posterior tibial nerves very advanced fibrotic atrophy and very few scattered myelin rings in each bundle. The myelin remaining is broken up into drops.	1220	Lungs—normal. Heart—muscle flabby.	190	Liver—pale and very friable. Kidneys—cortex diminished. Stript badly. Tough. Microscopic examination— Liver—Bile ducts stuffed with long stout rod-like bacilli. Some increase of peri-vascular nuclei and little patches of the same. No plasma cells. Kidneys — capsule thick. Marked increase of interstitial tissue. Cloudy swelling. Hyaline casts. Considerable endarteritis. Marked engorgement and extravasation of reds in medullary portion.	215	Bright's disease Herpes. Sulcus lunatus.
E. C. 23,145	14	..	2	..	Epileptic imbecile. Fits since 11. Chorea at 10. Epileptic heredity. Died suddenly in a fit.	Brain—meninges thick, opaque, and milky: stript with difficulty. Shrinking in front of parietal and prefrontal areas. Gyri simple pattern. Left cornu ammonis sclerosed. Microscopic examination—meninges fibroid thickening. Betz cells of left, immature characters. Those of right, normal arrangement of tigroid, but it was very attenuated.	1260	Lungs—bases congested. Heart—muscle fatty, greasy, friable.	—	Liver—excess of fibrous tissue. Kidneys—congested. Microscopic examination— Liver—no cirrhosis. No fat. Kidneys — very slight interstitial changes.	205	Epilepsy. Fatty degeneration of heart.
E. C. 23,176	38	..	6	..	General paralysis. Lumbar puncture positive (shewed a lympho cytosis of 23 per c.m.m. and gave positive protein re-action. Died with temperature 102°. No seizures.	Brain—Meninges milky at vertex. Atrophy chiefly in prefrontal and on its mesial aspect. Consistence very tough. Ependyma worm-eaten at calamus. No granulations.	1045	Lungs—right pneumonic. Both had abscess cavities at base. Heart—pale and friable.	150	Liver—friable and pale. Kidneys—lobulated, pale and friable. Stript well.	206	General paralysis. Pneumonia.
G. C. 23,188	42	..	..	42	Recent melancholia. Insane heredity. Confused and agitated. Diarrhœa and sickness.	Brain—naked eye. Natural in all respects. Microscopic examination—Betz cells scattered very irregularly. Heavily loaded dull green-yellow pigment. Many immature forms; nearly all contain dust-like tigroid. Clusters of blue spheres in vessels. Prefrontal cells more degenerated looking than those of the ascending frontal cortex.	1218	Lungs—natural. Heart—aorta and coronaries atheromatous.	172	Liver—natural. Microscopic examination—confirms. Clusters of blue spheres in vessels. Kidneys—tough. Capsules adherent. Microscopic examination—large numbers of hyaline and granular casts. Finely granular appearance of tubal epithelium with poverty of nuclei. Intestines—dysenteric ulceration.	268	Dysentery and Bright's disease.
E. C. 23,405	39	..	..	21	Recurrent melancholia with epilepsy. Very emotional and confused. Ill in bed.	Brain—naked eye. Natural. Microscopic examination—left ascending frontal cells devoid of slightest trace of tigroid. Ground substance pale and vitreous. Nucleus often lateral. Excess of satellites. Prefrontal: hyaline thickening of vessels.	1371	Lungs—large tubes full of muco-pus. Dark solid patches scattered throughout. Heart—fair.	240	Liver—large, pale and very friable. Microscopic examination—no fat. Kidneys—natural. Microscopic examination — some endarteritis, hyaline casts.	227	Broncho-pneumonia.
A. C. 23,512	61	..	..	49	Congenital defect without fits. Here, on and off, since 1894. Depressed. Sober.	Brain—naked eye. Atrophy chiefly marked over central gyri. Ventricles dilated.	1423	Lungs—muco-pus in tubes and scattered solid patches. Heart—pale, friable and fatty. Aorta and coronaries atheromatous.	240	Liver—pale and friable. Kidneys—soft and stript badly.	229	Broncho-pneumonia.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
E. C. 23,600	52	..	3	..	General paralysis confirmed by lumbar puncture (lymphocytosis of 154 per c.m.m. protein re-action positive). Said to have been sober.	Brain—naked eye. Beyond some local atrophy chiefly at the inter-parietal fissure on right side, there are no changes indicating general paralysis or otherwise. Microscopical examinatton — marked infiltration (plasma cells). Pigment very abundant, especially in Betz cells.	1290	Lungs—healthy. Heart—muscle friable. Aorta very atheromatous.	205	Liver—very large. Fatty looking. Microscopic examination—plasma cells. No fatty changes, Kidneys—Full of foci of suppuration. Microscopic examination—pyæmic foci and plasma cells.	315	Pyelo-nephritis. Case remarkable for not showing naked eye general paralysis signs at post-mortem.
H. C. 23,691	17	..	..	7	Acute delirium. Mother a drinker. Sister imbecile.	Brain—dura mater adherent along middle lines. Atrophy slight at vertex in (1) superior parietal, (2) prefrontal. Gyri simple. Sylvian fissure rather oblique.	1255	Lungs—crepitant. Heart—muscle pale and friable.	235	Liver—large, pale and friable. Kidneys—right, very small, fibrous tissue with mere edge of kidney substance.	R 14 L 165 179	Acute delirious mania. Congenitally defective kidney.
E. C. 23,830	37	..	..	2	History of long alcoholic excess. Whisky. Delirious on admission. Died 2 days after. ? Korsakow's disease.	Brain—nothing beyond some general atrophy. chiefly at vertex over ascending convolutions. Microscopical examination—slight gliosis at surface in ascending frontal region. All the larger cells are in an axonal-like condition. Posterior tibial nerves, right and left, showed no marked changes microscopically.	1106	Lungs—congested and œdematous. Heart—muscle friable.	320	Liver—very pale, small dark patch on surface. Kidneys—tough. Stript fairly. Microscopic examination. Liver—Very bad, Marked cirrhosis and extreme destruction of cells by fatty degeneration. The dark patch found to be an angeioma	Liver 1348 260	Fatty disease of myocardium. Acute delirium. Angeioma of liver.
E. D. 23,289	83	..	..	14	Senile dementia. Arterio-sclerosis. Noisy, resistive and very feeble.	Brain—extreme atheroma of blood vessels. Meninges milky and thickened. Atrophy general, especially in superior parietal.	1055	Lungs—congested and œdematous. Heart—left side hypertrophied. Aorta and coronaries atheromatous.	245	Liver—natural. Kidneys—adherent capsules. Cortex very tough. One large cyst in left. Cysts in both.	—	Senile decay and chronic Bright's.
L. S. D. 23,298	51	..	9	..	History of alcohol of long duration and insane heredity. Mania followed by depression. Here before in 1905.	Brain—ventricles dilated.	1258	Lungs—natural. Thyroid. Large cystic growth in right lobe, projecting backwards. Weight, 75 grms. Heart—flabby and fatty.	280	Liver—large, studded with masses of new growth. Some hard. Some hæmorrhagic Kidneys—large, pale and fatty. Capsules stript well.	340	Carcinoma of thyroid and liver.
E. E. 23,172	57	..	10	..	Agitated melancholia, arterio-sclerosis. Scars on legs suggesting syphilis.	Brain—slight atrophy at vertex over central part.	1193	Lungs—emphysematous at edges. Heart—natural.	215	Liver—pale. Kidneys—pale and friable. Stript badly. Adenoma (small) in left supra renal.	237	Chronic Bright's. Adenoma in left supra renal.
E. M. E. 23,259	71	..	8	..	Senile dementia. Garrulous. Hypertrophied heart. Died rather suddenly in the night.	Brain—vessels atheromatous. Atrophy of vertex in central regions. Sulcus lunatus on left side.	1167	Lungs—very œdematous. Large pleural effusion. Heart—wall of left ventricle pale and tough, crackled under knife. Right, friable.	528	Liver—large and tough. Kidneys—tough and stript badly. Left, contracted.	Liver 1500 122 92 214	Syncope. Wall of left ventricle in unusual condition.
E. F. 20,012	31	5	..	..	Adolescent insanity. Delirium. Insane heredity.	Brain—atrophy considerable at the vertex, chiefly in superior parietal region.	1187	Lungs—left adherent tough and airless. Heart—left ventricle hypertrophied. Arteries slightly atheromatous.	188	Liver—bile stained. Kidneys—capsules adherent. Substance tough. Cortex diminished.	203	Chronic interstitial nephritis.
E. F. 21,075	33	3	..	..	Dementia præcox.	Brain—Microscopic examination: Betz cells numerous, small, dark and in advanced stage of axonal reaction.	1093 less the stem	Lungs—congested and œdematous. Heart—atrophied.	152	Liver—friable. Microscopic examination—no cirrhosis No fatty changes. Kidneys—Cortex pale. Microscopic examination—increase of interstitial tissue in places throughout the cortex. Hyaline and granular casts. Colon—congested. No ulceration.	289	Dysentery. No ulceration of colon.
A. E. F. 21,521	36	3	..	..	Dementia præcox paranoidal. Alcoholic and insane heredity.	Brain—sulcus lunatus on right side.	1237	Lungs—healthy. Heart—healthy.	170	Liver—friable. Kidneys—tough. Capsules stript badly. Surface rough.	187	Chronic nephritis.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
M. E. F. 22,698	53	1	4	..	Delusional insanity. Non-systematized. Several previous attacks. Acutely depressed 2 weeks before death.	Brain—natural.	1333	Lungs—natural. Heart—hypertrophied left ventricle. Aorta and coronaries atheromatous.	285	Liver—nutmeg. Kidneys—tough. Cortex diminished. Capsules stript badly. Scars and small cysts on surface.	195	Chronic Bright's.
S. E. F. 23,230	49	..	7	..	General paralysis.	Brain—meninges thickened and bound together at the base, adherent to cortex. Thick film over whole hemisphere. Atrophy general, but most marked at top of central convolutions and tips of temporo-sphenoidal lobes and in left parietal. Ependyma typically granular.	970	Lungs—large. Heart—muscle pale and friable. [Loaded with fat. Aorta, fatty atheroma.	265	Liver—fatty in appearance and to touch. Kidneys—markedly contracted granular, with cysts	200	General paralysis and chronic Bright's.
A. F. 23,651	40	..	3	..	Dementia. Dirty in habits. Tremulous. Left pupil larger. Sluggish re-action. Lumbar puncture protein re-action negative.	Brain—naked eye. Natural. Only very few Betz cells, and they are like the lower pyramids: axonal-like, centre colourless, with dark rim. No marked vascular changes.	1113	Lungs—broncho-pneumonia. Heart—natural.	170	Liver—natural. Microscopic examination—natural. Kidneys—right, natural; left, pale. Stript badly. Microscopic examination—increase of interstitial tissue throughout the cortex. Epithelium narrow and granular. Marked endarteritis and strips of of renal epithelium in the vessels.	220	Broncho-pneumonia. Chronic parenchymatous degeneration of cortex of brain.
J. G. 22,569	31	1	7	..	Confusional. Lately alcoholic excess—gin. Father a drinker. Suicidal tendency marked.	Brain—only one anterior cerebral artery.	1195	Lungs—healthy. Heart—very pale and friable. Fatty.	162	Liver—natural. Kidneys—pale and tough. Stript fairly well.	190	Fatty degeneration of the heart.
A. G. 22,901	9	..	11	..	Congenital with epilepsy. Sister died of phthisis.	Brain—no notes.	—	Lungs—both tuberculous. Left gangrenous. Heart—muscle pale and friable.	77	Liver—pale and friable. Kidneys—small and pale and friable. Intestines—ulceration and matting together.	120	Tuberculosis of lungs and intestines.
A. G. 23,262	30	..	..	6	Acute delirium. No history. Restless and violent.	Brain—dura mater adherent along middle line. Some atrophy at vertex, Microscopic examination—Betz cells numerous and large. About one-third are axonal. Much increase of dull yellow pigment.	1176	Lungs—right upper lobe grey hepatization. Left hypostatic congestion. Heart—natural.	218	Liver — Microscopic examination: very pale and friable. Extensive fatty degeneration and infiltration. Kidneys—congested. Cortex soft, greasy and pale. Capsules slightly adherent. Microscopic examination—marked endarteritis. Engorgement of veins. Slight general interstitial increase. Swelling of epithelium and disappearance of nuclei.	230	Lobar pneumonia.
A. G. 23,209	72	..	4	..	Senile dementia. Had fits when young. Attempted suicide 20 years ago. Father drunkard.	Brain—vessels slightly atheromatous. Meninges waterlogged. Atrophy very marked, chiefly in prefrontal, superior parietal, and all along vertex.	1009	Lungs—collapsed. Heart—left ventricle hypertrophied. Aorta and coronaries calcareous.	230	Liver—natural. Kidneys—granular.	165	Senile decay.
S. A. G. 23,510	78	..	2	..	Senile dementia. Had an irregular intermittent temperature all the time here. Very restless.	Brain—two tumours on under surface of dura mater: one, size of cobnut, pressing against left posterior part of middle frontal. Patches of endarteritis. Slight general atrophy. Small angioma in decussation of the pons right side.	1170	Lungs—congested and œdematous. Emphysematous. Heart—muscle pale. Excessive fat. Aorta and coronaries atheromatous.	238	Liver—tough and cyanotic patches. Kidneys—small and tough	252	Senile decay. Angioma in pons.
K. G. 23,623	Over 70	..	2	..	Senile dementia. Arterio-sclerosis. No history.	Brain—dura mater adherent along middle line. Vessels: small patches of endarteritis. Atrophy general; very marked in superior parietal and and top of ascending parietal.	1102	Lungs—congested and emphysematous. Heart—muscle pale and fatty. Vessels atheromatous.	320	Liver—pale and friable. Kidneys—advanced granular.	248	Chronic Bright's. Cellulitis of face.
E. H. 20,358	72	4	6	..	Delusional insanity. Always very boisterous and noisy, and quite deaf. Had had a slight paralytic stroke.	Brain—vessels atheromatous. Meninges milky. Atrophy on left side above the sylvian fissure and Brocas convolution. Hard nodule at lower extremity of ascending frontal. Gyri all shrunken.	1085	Lungs—tough. Heart—wall fatty. Aortic cusps thick. Vessels atheromatous.	322	Liver—pale and tough, one gal stone size of thrush's egg. Kidneys—granular.	200	Senile decay. Bright's disease.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
S. E. H. 22,741	35	..	10	..	General paralysis. "Feeble-minded many years." Married. Several seizures before admission.	Brain—Meninges milky and adherent to cortex, which had "worm-eaten" appearance. Atrophy marked in prefrontal; less in central. Granulations in lateral and iv. ventricle. Lateral ventricles dilated. Microscopic examination—prefrontal most affected. Betz cells stunted and dense without defined tigroid. Vessels: marked hyaline thickening and typical peri-vascular infiltration in places.	1125	Lungs—deeply congested. Heart—muscle pale. Aorta, fatty atheroma.	215	Liver—firm. Mottled in parts Microscopic examination: fine, fatty changes. Plasma cells. Gland cells in the vessels. Kidneys—cortex swollen. Capsules did not strip easily. Microscopic examination: slight interstitial overgrowth. Granular degeneration of epithelium. Marked endarteritis. Epithelium in vessels.	259	General paralysis.
D. M. H. 22,873	4	..	7	..	"Idiot." Admitted with chorea, which improved. Very feeble and delicate. Not able to ask for what she wanted. Marked nystagmus on admission.	Brain—dura mater very adherent posteriorly. Consistency of brain "watery, like an infant's." Microscopic examination—spongy thickening of meninges. Betz cells axonal or immature. Many subcortical nerve cells.	1182	Lungs—healthy. Heart—healthy but very tiny.	43	Liver—watery consistence. Microscopic examination: considerable increase of small cells in perivascular regions. Kidneys—natural. Microscopic examination: cloudy swelling. Tumour—nodular elastic mass bulged forward between left lobe of liver, and the small curvature of stomach weighed 1015 grammes. Microscopic examination: oval and round cells. No stroma.	100	New growth in abdomen, Spindle-celled sarcoma.
E. W. H. 23,278	69	..	..	14	Senile dementia. Educated woman. Anæmic, feeble and restless.	Brain—natural.	1426	Lungs—broncho-pneumonia and congestion. Heart—Muscle fatty and friable. Aorta and coronaries atheromatous.	290	Liver—tough. Large stone size of pigeon's egg. Kidneys—cirrhotic. Capsules adherent.	237	Broncho-pneumonia. Senile decay.
R. H. 23,296	75	..	5	..	Senile dementia. Restless and garrulous. Arterio sclerosis. Oedema.	Brain—dura mater adherent. Vessels atheromatous. Atrophy general. Ventricles dilated.	1042	Lungs—œdematous and emphysematous. Heart—hypertrophied. Aorta and coronaries calcareous.	280	Liver—tough. Kidneys—granular.	156	Senile decay.
M. V. H. 23,615	74	..	2	..	Senile dementia. Very incoherent. Restless.	Brain—skull cap very thick: $\frac{1}{2}$ in. in front, $\frac{7}{16}$ in. sides, and $\frac{1}{4}$ in. behind. Dura mater firmly adherent. Vessels atheromatous. Tough. Gyri shrunken.	1076	Lungs—congested and œdematous. Heart—muscle rotten. Aorta and coronaries calcareous. Very bad.	310	Liver—pale and tough. Medium sized stone. Kidneys—large cysts. Granular.	230	Senile decay.
I. H. 23,768	46	..	..	21	Acute mania. Noisy, with auditory hallucinations and delusions of grandeur. Died with temperature 102° F.	Brain—recent film lined dura over central convolutions of left side. Atrophy chiefly at top of centrals; slight in prefrontals and lakelet in left superior parietal. Sulcus lunatus on left. Microscopic examination—hyaline thickening of meningeal arteries. Betz cells all alike—coagulation necrosis. Clear, lateral nucleus. Many contain a large amount of pigment.	1263	Lungs—pneumonic. Heart—pericardium loaded with fat. Muscle friable. Vessels fatty atheroma.	355	Liver—pale and tough. Microscopic examination—bad; extreme fatty degeneration. Considerable perivascular cirrhosis; liver cells in vessels. Kidneys—large and very pale. Excess of fat in pelvis Stript badly. Microscopic examination—bad; connective tissue overgrowth. Hyaline degeneration. Granular and probably fatty degeneration. Marked endarteritis	310	Pneumonia.
E. H. 23,511	68	4	6	..	Recurrent melancholia with stupor. On and off insane since 1905. Spinal curvature. Torticollis and flexed hands.	Brain—ventricles dilated.	1026	Lungs—collapsed. Old fibrous patches at apices. Heart—small. Muscle triable.	160	Liver—soft. Kidneys—contracted. Granular. Stript badly. Cysts.	132	Senile decay. Chronic Bright's.
A. I. 21,866	67	1	11	..	Organic dementia. No history ascertained.	Brain—vessels very bulky and atheromatous. Meninges milky. Brown softenings in both optic thalami, and a calcareous spicule (probably a blood vessel) in the left.	1220	Lungs—congested and œdematous. Heart—aorta and coronaries calcareous.	198	Liver—natural. Kidneys—cortex much diminished. Granular surface when stript.	153	Interstitial nephritis.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
E. I. 22,393	57	1	5	..	Mania. Third attack. Insane heredity. Sober.	Brain—atrophy at vertex, chiefly in superior parietal. Sulcus lunatus both sides. Microscopic examination—Betz cells all show densely granular cytoplasm. No tigroid. Small, dense nucleus on one side. Some increase of dark-stained pigment.	1222	Lungs—emphysematous. Tubes full of muco-pus. Heart—muscle pale and friable. Coronaries, patches of atheroma.	180	Liver—natural. Microscopic examination—fair. Cells loosely granular. Kidneys—large. Very tough. Stript badly. Microscopic examination—tubes dilated and contain granular *debris*. Vessels contain big masses of renal epithelium. Marked endarteritis.	295	Bronchitis. Parenchymatous systemic degeneration of brain (Mayer).
M. A. K. 22,996	62	1	2	..	Secondary dementia. Had several epileptiform attacks while here. Died with temperature 101·2° F.	Brain—blood vessels atheromatous, especially internal carotids. Atrophy general. Ventricles enormously dilated.	1066	Lungs—very congested. Tubes full of muco-pus. Heart—mitral valves thick. Aorta atheromatous.	240	Liver—very friable. Gall stones. Kidneys — pale. Narrow cortex. Stript badly.	204	Chronic Bright's. Broncho-pneumonia.
F. L. 21,021	29	3	5	..	Dementia præcox. Here in 1906. Mother insane. Father heavy drinker. ? Sister insane. Patient a heavy drinker.	Brain—superior longitudinal sinus contained bulky decolorized clot.	1310	Lungs—right tubercular. Heart—muscle pale and friable. Excessive fat.	205	Liver—very friable. Pale. Kidneys—Pale and soft. Stript well.	221	Tubercle of lung.
A. L. L. 22,886	35	2	..	..	General paralysis. "Slow to learn." Lumbar puncture. 78 per c.m.m. of lympho-cytes and positive protein re-action. No seizures.	Brain—dura mater blood-stained on inner surface. firmly adherent to skull-cap. Meninges thickened, opaque, and milky. Emboli in veins. Atrophy general. Granulations in calamus scriptorius. Microscopic examination—marked pial infiltration. Betz cells small, axonal, or immature in character. Thickening of arteries. Abundant dark spheres in vessels. Very great general paralysis, infiltration, and numerous large typical plasma cells around the veins, and, to a less extent, around the arteries, and much peri-adventitial golden pigment.	1128	Lungs—broncho-pneumonia. Heart—muscle fatty.	240	Liver—pale and friable. Microscopic examination—cells in centre of the lobules small and markedly fatty. Kidneys—lobulated. Soft. Microscopic examination—considerable old interstitial over-growth in patches throughout the cortex. Marked cloudy swelling. No endarteritis.	266	"Advanced vascular lesions of general paralysis with comparatively good nerve cells."
L. L. 23,175	13	..	..	21	Imbecile. Not epileptic. "Wasted. Anæmic. Only just alive. Joints swollen and distorted. Appearance of a child of two." Fed with feeding bottle.	Brain—skull cap soft and reddish, like an infant's. Dura mater slightly adherent. Cerebrum simply convoluted. Atrophy marked at vertex, chiefly in parietal lobes. Stem markedly sclerotic, especially olivary bodies. Microscopic examination—prefrontal cells infantile, best in 6th layer, where they showed a little cytoplasm. Ascending frontal—Betz cells large, vitreous, colorless. Cerebellum: Purkinje cells very distinct tigroid pattern; small.	486	Lungs—right lower lobe solid pneumonia. Heart—much fat on surface. Muscle pale and flabby.	55	Liver—natural. Kidneys—healthy. Microscopic examination—Glomeruli all contain a quantity of bright blue hyaline casts. Lumina of tubes in places full of finely granular pale blue material, which is also in the cells.	59	Pneumonia.
G. L. 23,210	25	..	..	1	Came in in excited state and instantly collapsed. Had taken Spirits of Salt. Inquest. Peculiar for 6 years.	Brain—meninges injected, also the stem and the cortex of the cerebellum. Microscopic examination—Betz cells, no trace of tigroid, dark pigment. Nucleus, generally central. Pale lilac granular cytoplasm. Right ascending frontal—marked engorgement and rupture of cortical vessels. Acute cell change all through prefrontal. Many halo cells and ghost-like remains in lacunæ.	1115	Lungs—excess of blood-stained pleural fluid. Both congested and œdematous. Heart—muscle rather friable. Aorta, some slight atheroma.	195	Liver — Microscopic examination: Considerable small-celled infiltration of peri-adventitial spaces. Gland cells have a clear, bladder-like nucleus. Many liver cells seen in the vessels. Kidneys—congestion. Microscopic examination — cloudy, swelling interstitial changes. Capsules of glomeruli thickening. Very marked signet ring endarteritis Intestines—stomach wall blackened, and dark patches on the intestines.	177	Suicide. Shock and injury to stomach from taking Spirits of Salts.
I. LeG. 23,310	47	..	2	..	Chronic mania. Transfer from Bethlem. Very destructive. Incoherent. No history.	Brain—sulcus lunatus left side. Microscopic examination—Betz cells in wide peri-cellular spaces. Shrunken. No tigroid; clumps of grey-green pigment.	—	Lungs—recent pleural adhesions and lymph; very œdematous. Heart—muscle very pale and friable. Cavities dilated.	—	Liver—natural. Microscopic examination—natural. Kidneys—healthy looking. Microscopic examination—some blocking of lumen of convoluted tubes.	—	Fatty degeneration of the heart.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
A. L. 23,350	56	..	1	..	Melancholia. Probably alcoholic excess. Temperature 101·6 before death.	Brain—atrophy considerable in superior parietal and prefrontal. Microscopic examination—hyaline thickening of meningeal arteries. Cells show very little tigroid. Natural nucleus.	1473	Lungs—emphysematous. Pneumonic area in right middle lobe. Heart—excessively fat on surface.	287	Liver—clay-colored. Microscopic examination—no fatty or cirrhotic changes. Kidneys—large, pale. Stript badly. Microscopic examination—general overgrowth of interstitial tissue, especially round the glomeruli. Marked endarteritis in the larger arteries only.	260	Pneumonia.
L. B. L. 22,623	34	1	5	..	Delusional insanity. Not systematized. Always of weak intellect.	Brain—consistency very watery. Sulcus lunatus on right.	1415	Lungs—congested and œdematous. Heart—natural.	157	Liver—tough and congested. Very small stones in gall bladder. Kidneys—tough. Cortex diminished. Abscess embedded (encapsuled) in right kidney.	165	Bright's disease. Abscess in kidney.
F. M. 20,958	24	4	..	..	Dementia præcox. Mother insane. Very impulsive at times.	Brain—natural. Right and left ascending frontal, prefrontal and cerebellum examined microscopically. Nearly all the Betz cells and 36 per cent. Purkinje cells were immature. Lumps of coal black pigment apparently contained in cells seen in pia and peri-vascular spaces in prefrontal cortex.	1210	Lungs—pus in right pleural cavity. Right pneumonic. Heart—natural.	290	Liver—thickening of capsule. Friable. Microscopic examination—fairly good. Kidneys—large. Stript badly in places. Microscopic examination—showed cloudy swelling.	280	Lobar pneumonia. Empyema.
L. M. 21,408	49	3	..	..	General paralysis. Lumbar puncture lymphocytes 32·2 p.c. m.m. protein re-action positive. Seizures followed by great excitement.	Brain—skull cap very thick, $\frac{1}{2}$ inch in frontal region. Sub-dural rusty staining in middle fossa. Meninges very thick. Atrophy chiefly in prefrontals and frontals, superior parietals, and temporo-sphenoidals at anterior end, where the convolutions were shrunken and wrinkled. Ventricles finely granular. Cornua ammonis sclerosed.	977	Thyroid—calcarous deposit in one lobe. Lungs—congested at bases. Heart—muscle tough and dark-colored.	215	Liver—tough. Kidneys—very tough. Cortex diminished. Capsules thick and adherent.	204	General paralysis.
E. M. 23,129	36	..	6	..	Acute delirium. Stated to have been a drinker and had some fits years before admission. Lumbar puncture and Wassermann negative. Symptoms of acute nephritis before she died.	Brain—atrophy considerable in prefrontal and superior parietal. A firm, yellow sessile tumour size of a Spanish chestnut projected into the right lateral ventricle, springing from the anterior end of the thalamus, adherent also to the septum lucidum. Hypophysis small and yellow. Microscopic examination—prefrontal halo cells. Ascending frontal—Betz cells much excess pigment and dust-like tigroid Vessels very tortuous. Tumour. One half tissue like thalamus; vessels with thick hyaline walls; other half fibro blasts and long elastic fibres.	1030	Lungs—both practically solid with tubercule. Heart—natural	215	Liver—a wedge-shaped mass with firm yellowish material near surface. Caseous mass in neck of gall bladder. Microscopic examination—tubercular foci with giant cells and fatty degeneration round the foci. Kidneys—pale and tough. Surface scarred. Capsules stript with difficulty. Microscopic examination—bad. Many strands and patches of connective tissue throughout the cortex. Hyaline and granular casts. Epithelium granular.	210	General tuberculosis. Tumour in lateral ventricle.
M. M. 23,307	26	..	2	..	Epileptic. Alcoholic heredity. Fair intelligence. Died in status. Temperature 108°.	Brain—gyri flattened. Meninges injected. Grey and white matter injected. Microscopic examination—prefrontal: large pyramids shewed cup-shaped disk of basal cytoplasm. Ascending frontal. Betz large pale homogenous. Nucleus prominent. Excess of dark purple pigment.	1272	Lungs—both congested. Heart—excessively fat on surface. Muscle pale.	285	Liver—friable, with pale yellow patches. Several large and small stones. Microscopic examination—small liver cells in vessels. Kidneys—lobulated, flabby and pale. Microscopic examination—general interestitial overgrowth. Fibroid degeneration of glomeruli.	250	Status epilepticus.
S. M. 23,545	72	..	3	..	Senile demeniia. Arterio sclerosis.	Brain—Atrophy general. Meninges thick and œdematous. Sulcus lunatus on right.	1060	Lungs—tough. Heart—very fatty. Aorta: fatty atheroma.	305	Liver—tough. Kidneys—granular.	245	Senile decay.
C. M. 23,644	51	..	4	..	Melancholia. Previously in Claybury. Suicidal. Insane heredity.	Brain—arteries atheromatous.	1335	Lungs—pneumonic left base. Heart—hypertrophied and dilated. Hole in one aortic cusp. Aorta, fatty atheroma.	548	Liver—nutmeg. Kidneys—lobulated. Stript easily.	307	Pneumonia.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
J. M. 23,721	65	..	1	..	Agitated melancholia. Sister died here. Hard arteries. Weak heart sounds.	Brain—atrophy at vertex in Rolandic area. Menінges milky. Ventricles dilated.	1127	Lungs—congested at bases. Heart—muscle friable. Aorta, fatty atheroma.	230	Liver—pale and tough. Suprarenal partly calcareous. Kidneys — granular. Stript with difficulty. Uterine fibroids.	237	Senile decay.
L. C. M. 23,733	58	..	1	..	Agitated melancholia. Probably dementia præcox. (Sister of J. M., above). Attack in 1889. Presystolic murmur at apex of heart.	Brain—sulcus lunatus on left side. Ventricles dilated.	1168	Lungs—congested and emphysematous. Heart—hypertrophy. Mitral stenosis.	215	Liver—pale and firm. Kidneys—tough. Granular. Stript with difficulty.	240	Mitral stenosis. Granular kidneys.
F. N. 23,075	60	..	3½	..	General paralysis. Pupils, irregular. Sluggish to light. Convulsions with coma for three days before she died. Mischievous, confused, noisy at night, and confabulated.	Brain—circle of Willis, slightly abnormal, Meninges injected, clear, non-adherent. Recent sub-dural film on right. Gyri flattened. Very firm consistence. Angeioma in pituitary. Microscopic examination—Meninges crowded with typical plasma cells. Moderate infiltration of peri-vascular spaces. Betz cells small, some with attenuated tigroid; others heavily pigmented. Large numbers of bright blue spheres in vessels of all regions, and some outside vessels.	1391	Lungs—right middle lobe pneumonic—grey hepatization. Heart—muscle pale and friable. Overloaded with fat. Aorta: atheromatous, very bad, first part worst.	295	Liver—pale and friable. Microscopic examination — advanced fatty changes. Slight peri-vascular infiltration. Liver cells in vessels. Many necrosed (? lymphoid) patches. Kidneys—pale and soft. Capsules stript badly. Microscopic examination — considerable and general interstitial changes. Hyaline degeneration of glomeruli. Fairly marked endarteritis. A few plasma cells. Renal cells in the vessels.	202	Lobar pneumonia. Pachymeningitis. General paralysis. Angeioma in pituitary.
E. S. N. 23,563	50	..	2	..	General paralysis. Lumbar puncture positive 10·4 per c.m.m. lymphocytes; positive protein re-action. Insane heredity. Seizure before admission.	Brain—meninges milky and thickened; not adherent. Slight excess fluid. Atrophy not marked, chiefly along the vertex. Fine granulations in calamus scriptorius. Microscopic examination—hyaline thickening of arteries and marked exudation of lymphocytes and plasma cells. Betz cells show general chromatolysis and increase of yellow pigment. Nucleus fairly clear.	1310	Lungs—left very œdematous. Heart—muscle soft and thin. Mitral cusps atheromatous. Aorta, atheromatous near bifurcation.	175	Liver—rather soft. One stone in gall bladder. Small oval whitish thickening in capsule on under surface. Microscopic examination—a small adenoma increase of round nuclei and a few plasma cells. Kidneys—capsules thick and adherent. Cortex pale and soft. Microscopic examination—slight endarteritis.	272	General paralysis.
M. O. 23,232	82	..	..	14	Senile dementia.	Brain—basal vessels bulky and atheromatous and calcareous. Atrophy marked in central region near vertex. Old softenings in lenticular nuclei of both sides, more on right.	1125	Lungs—grey hepatization in left. Heart—dilated and hypertrophied. Aorta and coronaries calcareous.	300	Liver—mottled and friable. Kidneys—pale and friable. Stript well.	144	Lobar pneumonia. Senile decay.
M. A. I. P. 22,896	54	..	7	..	Confusional insanity, with arterio sclerosis.	Brain—atrophy general; marked at prefrontal and tips of temporo-sphenoidal lobes. Consistence very firm. Microscopic examination—nerve cells generally very bad. Betz cells pale with much excess pigment and dust-like tigroid. Vessels thick and tortuous. Endarteritis. Clusters of small blue spheres in the vessels a marked feature.	1025	Lungs—emphysematous. Heart—muscle pale and soft. Aorta, slight atheroma at summit of arch only. Coronaries. Marked fatty atheroma.	205	Liver—tough. Pale in patches. Microscopic examination — bad. Cirrhotic. Some fatty infiltration. Considerable increase of small cell perivascular infiltration. Kidneys—pale. Soft. Stript badly. Microscopic examination—slight general increase of interstitial tissue.	208	Colitis. No ulceration of intestines.
R. C. P. 21,707	43	2	5	..	Epileptic imbecile. Fits from birth. Insane heredity. Had frequent attacks of petit mal and often successions of fits.	Brain—dura mater adherent. Meninges congested; very milky at vertex. Atrophy marked in prefrontal and upper parietal regions on both sides. Sulcus lunatus on left. Cornu ammonis both sclerosed, especially the right.	1197	Lungs—congested and tough. Heart—walls loaded with fat. Muscle friable.	225	Liver—pale. Natural consistence. Kidneys—pale. Full of small cysts. Stript badly	183	Chronic Bright's
E. R. 22,828	79	1	3	..	Senile dementia.	Brain—blood vessels bulky and atheromatous. Atrophy not marked.	1019	Lungs—congested and œdematous. Heart—muscle pale and friable. Hypertrophied and dilated. Aorta, lower part very bad. Coronaries atheromatous.	335	Liver—very soft. Kidneys—pale. Soft. Stript badly. Colon: Greyish sloughs andulcers.	190	Colitis.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death and remarks.
A. R. 23,674	62	..	3	..	Secondary dementia. Eight years' history of delusions. Agitated and depressed.	Brain—carotids atheromatous. Meninges milky.	1262	Lungs—emphysematous. Heart—small. Patent foramen ovale.	175	Liver—pale, tough. Kidneys—cyst on surface. Capsule strips fairly readily.	200	Senile decay. Patent foramen ovale.
E. S. 20,627	42	4	..	..	Dementia præcox (Hebephrenic). Lumbar puncture, negative protein re-action. No lymphocytosis.	Brain—thin sub-dural film on right side.	1293	Lungs—congested purplish patches and muco-pus. Heart—muscle friable. Aorta atheromatous at the top of the arch.	215	Liver—fairly natural. Kidneys—deeply lobulated.	257	Broncho-pneumonia.
B. I. S. 21,536	31	3	..	..	Dementia præcox (Hebephrenic). Insane heredity. Very destructive and full of tricks and mannerisms. Played the piano very well.	Brain—atrophy at vertex, chiefly over central convolutions.	1281	Lungs—both advanced tuberculosis. Heart—natural.	212	Peritoneum—Studded with tubercle. Liver—tough. Capsules thick in places. Kidneys—pale and soft. Small yellowish foci in cortex. Fallopian tubes and ovaries tubercular.	255	General tuberculosis.
E. G. S. 22,801	53	..	10	..	Delusional insanity. Became paraplegic. Probably alcoholic history. Almost spontaneous fracture of right humerus.	Brain—atrophy slight in prefrontal regions. Spinal cord very soft in lumbar regions. Microscopic examination—Betz cells rather heavily pigmented. Majority retain fair tigroid. Cord cells heavily pigmented	1255 Sp. Cord 42	Lungs—emphysematous. Heart—muscle pale and friable. Ribs—mediastinum as well as the vertebræ were studded with new growth.	220	Liver — studded throughout with nodules of whitish growth of various sizes. Microscopic examination—growth scirrhus. Fatty degeneration of liver cells. Kidneys—stript well. Microscopic examination—slight general cirrhotic change. Some endarteritis.	215 Liver 2175	Carcinoma of vertebræ and liver, etc.
E. S. 23,041	43	..	9	..	Recurrent mania. Insane heredity. Alcohol.	Brain—atrophy in the central region. Meninges milky.	1213	Lungs—tubes contained muco-pus. Lower lobe of left solid. Heart—natural.	182	Liver—natural. Small stones. Kidneys—natural.	205	Broncho-pneumonia.
M. S. 23,158	46	..	7	..	Acute delirium. Later very destructive, restless and noisy.	Brain—meninges milky over the sulci. Stript readily.	1156	Lungs—congested and œdematous.	132	Liver—firm. Kidneys—tough and granular.	187	Chronic Bright's.
E. L. S. 23,391	55	..	1	..	Confusional. History of excessive drinking ale and spirits. Korsakow's disease.	Brain—circle of Willis—both posterior cerebrals came off the internal carotids. Subdural film over vertex on both sides. Atrophy marked in central regions. Microscopic examination—Betz cells all axonal-like, with increase of pigment at the sides.	1192	Lungs—œdematous and congested. Heart—excessive fat on surface. Muscle pale but tough.	267	Liver—pale and hard. Hobnailed. Microscopic examination — very marked perilobular cirrhosis, with much small-celled infiltration, and mast cells; coarse fatty changes. Kidneys—pale and tough. Microscopic examination—marked general interstitial increase and fibroid degeneration of glomeruli.	260	Bright's disease.
M. S. 23,593	76	..	3	..	Senile dementia. Knocked down by a cart, May, 1912.	Brain—blood vessels atheromatous. Two large cysts containing red fluid covered the hemispheres, thin towards the middle line, thicker in depressions, over an inch thick in the parietal regions. Atrophy very marked in parietal regions. Sulcus lunatus on both sides.	1087 (weighed intact)	Lungs—fibrous scar at right apex. Heart—muscle friable. Aorta. Fatty atheroma.	214	Liver—tough. One large gall stone weighed 23 grammes. Kidneys—small. Tough.	190	Senile decay. Pachymeningitis.
E. S. 23,750	66	..	1	..	Senile dementia. Confused, and confabulated freely.	Brain—internal carotids rigid. Meninges thick and covered by a thick yellow purulent material. Atrophy general. Ventricles dilated, full of turbid fluid, which was also found under the cerebellar meninges at the base.	1182	Pleura—purulent fluid and lymph on right side. Lungs—calcareous nodules at the apex. Congested muco-pus in the tubes. Heart—muscle like putty. Aorta calcareous, especially abdominal. Coronaries very atheromatous.	280	Liver — tough and pale. Recent lymph and general inflammatory appearance of the peritoneum. Kidneys—pale and friable. Cortex narrow. Stript badly.	222	Senile decay. Purulent meningitis, pleurisy and peritonitis.
R. S. 23,780	44	..	..	13	Acute delirium. (History of alcohol. Beer, in bouts. Father died insane.) Took no notice of her surroundings. Kept up a sawing movement with right arm. Rash on skin. Lumbar puncture negative. Lymphocytes. 2·4 per c.m.m. ? Korsakoff. Six weeks before admission lost all power in legs.	Brain—convolutions rather flattened. Microscopic examination—Betz cells small; all immature, with super-added coagulation necrosis changes. Hyaline thickening of arteries and deposit of dark pigment. Prefrontal cells more shrunken, and many halo forms seen in all the layers. Right and left posterior Tibial nerves—no observable poverty of myelin rings, but myelin is broken up, and the nerve fibre itself often stained very dark.	1260	Lungs—very congested. Lower lobe friable, and cut surface looked rough. Heart—loaded with fat. Muscle pale and friable.	265	Liver—pale. Very friable. Very large. Microscopic examination—marked fatty degeneration and infiltration throughout the lobules. Liver cells in the vessels. Kidneys—flabby and friable. Excessively fat. Microscopic examination—increase of interstitial tissue in the cortex. Hyaline degeneration of glomeruli. Marked endarteritis.	293 Liver 1485	Acute delirium. Congestion of lungs.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
A. M. T. 22,054	24	2	2	..	Dementia præcox. Catatonic symptoms. Sister died here. A. E. T. (See next case.)	Brain—dura mater very adherent. Pons—Small hæmorrhage size of split pea near upper surface.	1196	Lungs—tubercle in left. Heart—muscle friable and pale.	189	Liver—soft and friable. Fatty. Kidneys—tough. Stript fairly well.	216	Pulmonary tubercle.
A. E. T. 22,795	27	..	9	..	Dementia præcox. Depressed and very resistive. Sister died here. A. M. T. (above).	Brain—whole brain anæmic.	1249	Lungs—natural. Heart—natural.	178	Liver—Tough. Pancreas—deep red in colour with yellowish patches throughout. Very hard. Microscopic examination—marked engorgement and extravasation of blood. Pyæmic foci. Small celled infiltration round vessels. "Pale yellow areas." Shrunken and loosely reticular structure. Weight 110 grammes. Kidneys—Tough. Cortex narrow.	182	Chronic pancreatitis.
E. G. T. 22,628	27	1	..	..	Dementia præcox of three years' duration.	Brain—Comma-shaped bony plate in falx. Ventricles somewhat dilated.	1365	Lungs—tubercle and cavities in both. Heart—natural.	145	Liver—natural. Many gall stones. Kidneys—rather tough.	146	Phthisis pulmonalis.
A. T. 23,169	42	..	4	..	Admitted in state of mania with sores on shoulders and brown scars on body suggesting syphilis.	Brain—meninges congested. Thin subdural film over prefrontal region of each side, chiefiy left. Atrophy chieffy at vertex and prefrontals Microscopic examination—Betz cells stain diffusely. No tigroid. Much pigment. Nucleus lateral, small. Vessels engorged and in places ruptured.	1408	Lungs—œdematous and congested. Heart—muscle pale but firm.	188	Liver—natural. Microscopic examination—marked fatty changes. Shrinking of liver cells. Kidneys — tough. Stript badly. Microscopic examination—tubes full of granular debris. Marked endarteritis. Hyaline casts.	176	Chronic Bright's.
A. T. 23,303	53	..	6	..	Confusional. Alcoholic excess. Ale, stout and whisky Agitated for 20 years. Under treatment for neuritis for five weeks before admission. Lumbar puncture. Ammonium sulphate test positive. No lympho-cytosis.	Brain—Thick white organised sub-dural membrane on right side, thickening into cyst over tip of temporo-sphenoidal. Blood vessels atheromatous. Atrophy at vertex, prefrontals and lower part of the sylvian fissure. Consistence tough. Sulcus lunatus on left side. Microscopic examination—Betz cells showed marked excess of pigment. No plasma cells. Vessels hyaline thickening.	1071	Lungs—natural. Heart—muscle pale and flabby. Excessive fat on surface. Mitral orifice stenosed. Vessels very atheromatous.	230	Liver—nutmeg. Tough. One small stone in gall bladder. Microscopic examination—Some fatty infiltration and degeneration at margin of lobules. Kidneys—tough. Capsules adherent. Microscopic examination — bad. Glomeruli in state of fibrotic atrophy, and strands and islets of of connective tissue. Considerable endarteritis.	210	Returned as general paralysis. Not confirmed microscopically.
M. W. 22,322	31	2	..	..	Delusional insanity. Probably dementia præcox.	Brain—skull cap asymmetrical.	1300	Lungs—tubercular cavities. Heart—friable. Fatty.	145	Liver—natural. Kidneys—lobulated.	212	Pulmonary tubercle.
N. W. 22,652	76	1	..	..	Senile dementia.	Brain—vessels atheromatous. Atrophy very marked, especially in superior parietal. Sulcus lunatns on left. Small softening in left side of pons.	1106	Lungs—emphysematous. Heart—pale and friable. Aorta and coronaries atheromatous.	252	Liver—friable. Kidneys—Cortex very narrow. Excess of fat in pelves. Stript fairly well.	155	Senile decay.
M.A.E.W. 22,760	77	..	8	..	Senile dementia.	Brain—vessels atheromatous. Meninges milky at vertex. Slight discoloration of inner surface of dura mater. Atrophy enormous, chiefly at vertex over central region. One small softening in left lenticular nucleus.	1201	Lungs—congestion of both lower lobes. Heart—Some hypertrophy. Aorta and coronaries atheromatous.	288	Liver — Greasy and tough. Four stones in gall bladder. Kidneys — Pale. Firm. Capsules very adherent.	200	Senile decay.
E. W. 22,846	73	..	9	..	Senile dementia. Died with pyæmic abscesses.	Brain—Atrophy general	1252	Lungs—Emphysematous. Heart—Muscle soft and friable and greasy.	285	Liver—very pale and fatty looking. One stone in gall bladder. Kidneys—capsules adherent. Tough.	225	Senile decay.
G E. W. 23,394	47	..	..	13	Recent mania. Insane heredity. Duration one month before admission. Acutely excited and noisy. Died in fits. Temperature 102·4°. Convulsions began about 48 hours before death.	Brain—basal vessels healthy, dura mater very congested and the meninges. Gyri flattened on left side. A large hæmorrhage near centre of left hemisphere had burst into the ventricle. On right, a hæmorrhage in the prefrontal region, and two small angioma-like foci in cortex of ascending frontal gyrus. Microscopic examination—cortex fairly riddled with small recent hæmorrhages, especially in Betz cell layer. All the nerve cells very degenerated. No marked vascular alterations except rupture.	1317	Lungs—congested and friable. Heart—Hypertrophy of left ventricle.	225	Liver—pale. Friable. Microscopic examination — considerable fatty change. Free gland cells in the vessels. Kidneys—tough, and stript badly. Microscopic examination—hyaline casts. Considerable endarteritis.	193	Cerebral hæmorrhage.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death.
A. W. 23,393	62	..	..	35	Korsakow's disease. Drank beer. Confabulation and confusion very marked.	Brain—meninges very milky and œdematous. Microscopic examination—Betz cells, great excess pigment, all immature or axonal. Venous engorgement on right side. Hyaline thickening of the arteries. Right and left posterior tibials showed fibrotic atrophy. Some diminution of myelin fibres.	1152	Lungs—emphysematous. Heart—Valves opaque and thick. Muscle pale and friable.	275	Liver—very tough. Rather pale. Microscopic examination — very extensive and marked fatty degeneration. Some peri-vascular cirrhosis. Kidneys — tough. Pale. Cysts. Stript badly. Microscopic examination—very bad. Strands of interstitial tissue. Hyaline and granular casts. Endarteritis.	262	Chronic Bright's. Fatty degeneration of heart.
E. W. 23,548	62	..	5	..	Melancholia, and probably congenitally deficient. Always restless and agitated, and with suicidal tendency.	Brain—atrophy in superior parietal region.	1267	Lungs—healthy. Heart—walls fatty. Coronary arteries atheromatous.	170	Liver—natural. Small. Kidneys—capsules stript well.	159	Senile decay
E. K. C. 21,221	27	3	9	..	Dementia præcox. Two brothers insane and several other relations. Patient had chorea four years before admission.	Brain—meninges milky at vertex. Matted at base. Atrophy in Rolandic area at vertex.	1241	Lungs—congested and œdematous. Heart—mitral puckered and with recent granulations.	175	Liver—congested. Very friable. Kidneys — tough. Capsules stript badly.	195	Mitral disease.
L. K. H. 19,635	12	6	..	..	A congenital imbecile.	Brain—average pattern. Watery consistence. Ventricles dilated.	862	Lungs—full of miliary tubercle. Heart—natural.	95	Liver—friable. Kidneys—healthy. Stript well.	125	Miliary tuberculosis of lungs.
H. M. B. 23,195	43	1	..	..	General paralysis. Lumbar puncture: Ammonium sulphate test positive. Lympho-cytosis 7·42 per cmm.	Brain—dura mater very adherent at the vertex. Meninges congested; slightly milky; adherent in places. Atrophy in Rolandic area and prefrontal region. Sulcus lunatus on right side. Granulations on calamus scriptorius. Microscopic examination—meninges, well-marked infiltration (plasma cells). Betz cells immature type with increase of pigment. Hyaline thickening arteries. Striæ obliterated. Cerebellum free from typical changes.	1251	Lungs—congested. Heart—cavities dilated. Extreme fatty degeneration.	285	Liver—rather friable. Microscopic examination — marked fatty degeneration of the cells throughout the lobules. Kidneys—pale. Tough. Microscopic examination—capsules thickened. Strands of interstitial growth. Thickening of glomerular capsule. Supra-renal—Small adenoma.	372	General paralysis. Adenoma of supra-renal
M. A. C. 23,556	56	..	6	..	Confusional. Said one glass of beer made her head bad. Defective history.	Brain—skull cap very thick and bossy on internal table. Vessels considerable endarteritis. Atrophy of the vertex. Old softenings in middle of right second Temporo-sphenoidal lobe and superior parietal lobe.	1263	Lungs—congested at bases. Heart—muscle pale and friable. Valves opaque and aorta and coronaries atheromatous.	208	Liver—pale and friable. Kidneys — stript badly. Cortex diminished. Surface rough and scarred.	240	Chronic Bright's.
R. P. 19,680	81	6	..	..	Senile dementia.	Brain—vessels, some atheroma. Hæmorrhage in meninges in region of inter-parietal fissure Gyri shrunken.	965	Lungs—deeply congested. Heart—fatty degeneration of muscle.	255	Liver—very friable. Kidneys—small. Granular. Stript badly.	177	Senile decay.
A. F. 18,323	67	7	..	..	Delusional insanity.	Brain—atrophy in prefrontal region on right.	1147	Lungs—great excess of fluid in pleural cavity. Congested and œdematous. Heart—hypertrophied and fatty.	295	Liver—large, pale and friable. Kidneys—pale and friable. Stript badly. Surface granular Peritoneum—studded with tubercles. Great excess fluid. Omentum and Intestines also tubercular.	280	Tubercle of intestines and peritoneum.
A. W. 23,919	65	..	..	10	Secondary dementia. Here previously (twice).	Brain—atrophy general.	1269	Lungs—deeply congested. Heart—natural.	282	Liver—pale, mottled and tough. Kidneys—tough. Diminished cortex. Stript badly.	220	Chronic Bright's.
A. S. 23,172	56	..	2	..	Confusional. Ale, stout and port wine (2 or 3 pints daily). Also alcoholic heredity. Korsakow's disease.	Brain—meninges slightly milky at vertex. Waterlogged. Atrophy marked at vertex and prefrontal region. Sulcus lunatus on left.	943	Lungs—both congested and œdematous. Heart—muscle friable and loaded with fat.	265	Liver—very pale and tough. Kidneys—tough. Cyst on surface. Stript badly.	218	Fatty degeneration of heart.
E. W. 21,655	61	24	..	..	Dementia.	Brain—blood vessels, some atheroma. General slight atrophy.	—	Lungs—emphysematous. Heart—muscle friable. Aorta, some atheroma.	310	Liver—pale and friable. Kidneys—pale. Cortex diminished. Capsules thick. Cortex rough when stripped.	292	Chronic Bright's.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death and remarks.
S. A. S. 22,510	71	2	..	..	Delusional, excited and abusive.	Brain—vessels, patches of atheroma. Carotids bad. Atrophy general, most marked on right at back of superior frontal and top of ascending frontal.	1260	Lungs—congested and œdematous. Heart—left ventricle hypertrophied. Mitral valve stenosed. Aorta, fatty atheroma.	315	Liver—very pale and friable. Kidneys—pale and tough. Stript badly. Cysts.	220	Senile decay. Mitral disease.
M. S. 20,555	28	Over 4	..	..	Dementia præcox. Suicidal Insane heredity.	Brain—natural.	1115	Lungs—right base pneumonic. Left apex tnbercle. Adenoma of cervical glands. Heart—healthy.	195	Calcareous glands in mesentery. Liver—congested and friable. Kidneys — congested and tough. Surface scarred. Supra-renals. Cortex and medulla fleshy-looking with hard yellow nodules	243	Pneumonia and pleurisy. Adenoma of glands.
E. L. 22,633	58	1	9	..	Mania.	Brain—vessels atheromatous. Meninges congested. Atrophy slight about central fissure on both sides.	1334	Lungs—congested at bases. Emphysematous. Heart—fatty degeneration.	280	Liver—large, friable and pale. Kidneys—granular. Stript badly.	240	Chronic nephritis.
A. H. P. 23,656	53	..	5	..	Delusional insanity. Had had left breast removed. Very confused on admission. Probably a drinker.	Brain—atrophy general. Sulcus lunatus both sides.	1147	Lungs—about 1 pint of purulent fluid on right side. Mass of large cancerous glands in anterior mediastinum. Congested at bases. Heart—Fatty and flabby. Aorta and coronaries atheromatous.	290	Liver — studded with secondary growths. Kidneys—pale and tough. Stript badly.	280	Secondary carcinoma.
L. G. 23,164	56	1	..	..	Korsakow. Confusional. Drank ale and stout.	Brain—vessels; patches of atheroma. Softenings in white matter on the right; in putamen and internal capsule on left. Multiple pin-head hæmorrhages in cortex. Microscopic examination—meninges marked infiltration with small lymphocytes. Marked endarteritis. Betz cells mostly pale and plump; a few dark and shrunken and pigmented. Posterior tibial nerves showed no pathological changes.	1322	Lungs—Very congested. Heart—Muscle friable. Aorta; fatty atheroma.	212	Liver — very congested. Friable. Microscopic examination—marked periportal cirrhosis. Kidneys — Granular. Contracted. Congested. Microscopic examination—very bad. Strands of connective tissue in the cortex. Hyaline degeneration. Marked endarteritis.	139	Chronic kidney disease. Cortical hœmorrhages multiple.
H. T. 23,722	78	..	3	..	Senile dementia. Alcoholic excess eight years ago.	Brain—skull cap; nodular bosses in frontal region. Vessels atheromatous. Atrophy chiefly at the vertex. Pin-head hæmorrhage, cortical, in the cuneus Microscopic examination—prefrontal: all cells bad. Marked endarteritis. Cuneus: recent hæmorrhage. Endarteritis. Note bizarre shape and great elongation of endothelial nuclei.	1232	Lungs—congested at bases. Heart—Aorta and coronaries very atheromatous.	332	Liver—very tough. Numerous stones in gall bladder. Microscopic examination — small necrosed plaques and fibroid patches. Many liver cells showed multiple vacuoles. Bile ducts seen blocked up with short stout rod-shaped bacilli. Kidneys—contracted. Granular.	168	Senile decay. Cortical hœmorrhage.
A. A.	31	7	..	..	Dementia præcox.	Brain—anæmic looking. Very pale. Creamy consistence.	1250	Lungs—congested in upper lobes. Heart—natural.	198	Peritoneum—studded with tubercles. Liver — Adherent to diaphragm. Large. Kidneys—congested.	284	Tuberculous peritonitis.
E. A. 18,569	24	7	6	..	Dementia præcox.	Brain—natural.	1158	Lungs—Adherent and contained scattered masses of tubercle and cavities. Heart—recent granulations on mitral cusps.	178	Peritoneum—studded with tubercle. Liver—Pale and firm. Intestines — Miliary tubercles and ulcers. Kidneys—Tough. Surface mottled. Suprarenal—left contained miliary tubercle.	225	General tuberculosis.
E. A. 16,459	79	10	..	..	Senile dementia.	Brain—vessels very bad. Middle cerebrals like pipe stems. Meninges cloudy and water-logged. Atrophy general. Sulcus lunatus on left. Old softening at anterior end of both caudate nuclei, implicating anterior part of the internal capsule and lenticular nuclei; also old softening in white matter of right hemisphere behind the ventricle. Hypophysis. Anterior lobe largely composed of fibrous tissue.	1136	Lungs—Congested and œdematous in lower parts. Heart—valves bad. Aorta—sacculated aneurism of middle third of descending part, size of small orange, full of clot. Coronaries calcareous.	326	Liver—very friable. Several stones in gall bladder. Kidneys — advanced contracted. Granular.	143	Senile decay. Old cerebral softenings. Aortic aneurism.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death and Remarks.
B. B. B. 18,284	34	8	..	..	Dementia præcox (hebephrenic).	Brain—microscopic examination—Betz cells axonal like. Some show definite tigroid at the edges; some shrunken and darkly stained. Increase pigment.	1296	Lungs—pleura thickened and covered with miliary tubercle. Microscopic examination — multinuclear giant cells seen. Heart—natural.	180	Liver — congested. Stones in gall bladder. Microscopic examination — no cirrhosis. No fatty change. Kidneys — natural. Microscopic examination—cloudy swelling.	177	Tubercular pleurisy.
E. C. 13,375	53	14	..	..	Delusional insanity. No alcoholic history.	Brain—vessels slightly atheromatous. Atrophy in prefrontals only. Microscopic examination—cells show remarkably good tigroid pattern. Betz cells heavily pigmented. Hyaline thickening of vessels. Spheres in vessels.	1200	Hardish white growth in breast (left); also in both pleura and lungs. Lymph and effusion on left side in pleura. Microscopic examination—racemose adenomatous growth. Heart—excessively fat. Muscle friable, Aorta atheromatous.	365	Peritoneum — studded with new growth. Liver—soft and mottled. Microscopic examination — advanced fatty degeneration and cirrhosis. Capsule invaded by adenomatous growth. Kidneys—pale and flabby. Microscopic examination — widespread and marked interstitial changes. Marked endarteritis.	252	Carcinoma and pleurisy.
H. C. 12,059	63	16	..	..	Secondary dementia.	Brain—atrophy slight at vertex. Sulcus lunatus present on both sides. Microscopic examination—thickening of meninges. Betz cells all axonal-like. Excess pigment. Venous engorgement and ruptured vessels.	1115	Lungs—congested and œdematous. Heart—muscle friable. Mitral valve atheromatous. Aorta atheromatous.	180	Liver—natural. Microscopic examination—cirrhotic changes and small celled infiltration. Kidneys — congested and tough. Microscopic examination — bad. Marked interstitial changes. Hyaline casts. Endarteritis.	235	Morbus cordis. Arterio sclerosis. Chronic interstitial nephritis.
A. M. C. 15,863	42	11	..	..	Probably dementia præcox. Pregnant when admitted and melancholic. Later agitated and boisterous.	Brain—meninges milky.	1240	Lungs—emphysematous. Heart—muscle pale, greasy and friable. Mitral valve thickened and puckered.	215	Liver—soft, greasy and pale. Kidneys—natural.	275	Morbus cordis. Valvular disease.
C. C. 17,481	21	9	..	..	Epileptic idiot.	Brain—scalp and skull cap very thick.	1150	Lungs—Tubercular foci below apex in right. Left congested. Heart—muscle pale. Excess fat on surface.	177	Liver—pale. Fatty looking. Kidneys—very pale. Stript well.	170	Pulmonary phthisis.
M. A. C.	46	23	..	..	Dementia præcox. Showed marked stereotyped movements.	Brain—atrophy considerable over central regions. Consistence very soft. Water-logged.	1513	Lungs—œdematous and congested. Excess of pleural effusion. Heart—fairly healthy.	137	Liver — natural. Stones in gall bladder. Kidneys—small, tough and pale. Lobulated. Uterus—Full of caseous material, which was also found in large cysts in broad ligament.	162	Chronic Bright's.
E. C. 16,803	79	9	7	..	Delusional insanity.	Brain—dura mater very adherent. Recent effusion of blood above the tentorium cerebelli. Vessels atheromatous. Sulcus lunatus both sides.	1291	Lungs—œdematous; muco-pus in the tubes. Heart—dilated. Fatty. Aorta atheromatous. Thyroid—fleshy tumour in right lobe, size of walnut.	352	Liver—enlarged, soft and friable. Kidneys—many cysts in both.	335	Fatty degeneration of heart and chronic nephritis.
M. C. 14,229	58	13	..	..	Chronic mania and dementia.	Brain—vessels atheromatous. Atrophy around the central fissure.	1276	Lungs—both adherent. Left very congested. Heart—Walls degenerated. Aorta and coronaries atheromatous.	175	Liver—natural. Kidneys—granular. Cysts on surface.	170	Chronic Bright's.
M. G. 11,643	81	16	..	..	Recurrent melancholia.	Brain—vessels very atheromatous. Atrophy in superior parietal.	1909	Lungs—recent lymph in pleura. Congested. Muco-pus in tubes. Excess of peri-cardial fluid. Heart—Muscle friable. Excessively fat. Cavities hypertrophied and dilated. Vessels atheromatous.	598	Liver—tough. Kidneys—cortex diminished. Stript readily.	285	Senile decay.
E. L. F. G. 18,190	14	8	..	..	Idiot without epilepsy.	Brain—Olfactory bulbs and tract no bigger than piece of thread. Both temporo-sphenoidal lobes completely atrophied. Consisted at each end of bleb the size of a pigeon's egg. Tissue at the back puckered and tough. Cornua-ammonis atrophied and tough. Microscopic examination—Betz cells large, numerous, rounded and pale. Dust like tigroid. Some venous engorgement, wide peri-vascular spaces.	863	Lungs—both contained caseous tubercular masses and cavities. Heart—healthy.	70	Liver—tough. Microscopic examination—cells very atrophied and showed considerable fatty degeneration. Kidneys—natural. Microscopic examination—some cloudy swelling.	110	Phthisis pulmonalis.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death and remarks.
A. G. 6,834	45	26	..	..	Dementia præcox. Deaf.	Brain—atrophy at the vertex over central region.	1268	Lungs—patches of tubercle and cavities in both. Heart—muscle pale Aorta.—Some fatty atheroma.	290	Liver—fatty Kidneys — left enlarged and very tough.	230	Pulmonary phthisis.
W. H. 18,710	10	7	..	..	Idiot, subject to frequent and very bad fits. Spastic paraplegia before death.	Brain—no especial naked eye change.	922	Lungs—dark solid areas in both. Heart—healthy looking.	58	Liver—natural. Kidneys—lobulated, tough, and congested.	107	Broncho-pneumonia.
E. H. 7,809	83	24	..	..	Delusional and demented.	Brain—vessels dilated and tortuous. Atheromatous. Meninges very milky at vertex. Thin subdural film on both sides.	1155	Lungs—pneumonia at right base. Heart—muscle very fatty. Vessels atheromatous.	240	Liver — natural. Numerous gall stones. Kidneys — pale. Granular. Stript badly.	203	Senile decay.
M, A. H. 3,775	72	37	..	..	Delusional. No dementia. Very deaf. (Active and needlework until quite recently).	Brain—vessels; extreme endarteritis (obliterans). Atrophy very marked, Right superior parietal, superior central, and prefrontal (in order named). Left, posterior part of first frontal, superior central, superior parietal, and prefrontal.	1129	Lungs—crepitant. Natural. Heart—muscle pale and friable. Aorta; fatty atheroma in thoracic. Calcareous in abdominal.	180	Peritoneum — studded with new growth. Liver—pale. Contained many nodules round defined reddish yellow. Stomach—at fundus large, 2 inches in diameter, ulcerated surface, which when cut into consisted of pearly-looking tissue. Suprarenals—enlarged by new growth. Kidneys—granular.	164	Carcinoma of stomach. Secondary in liver & suprarenals.
G. H. 17,366	26	9	..	..	Congenital defect or dementia præcox (katatonic)	Brain—pattern anomalous. Sylvian fissure very short and obtuse angled on both sides. Microscopic examination—great majority of cells of halo type. Betz all typically immature.	1315	Lungs—right apex puckered and fibrous. Heart—healthy.	150	Liver—natural. Kidneys—healthy.	200	Exhaustion from melancholia.
W. I. 16,642	16	10	..	..	Congental without epilepsy. Maniacal outbursts.	Brain—dura mater very adherent along the middle line. Gyri flattened. Simple pattern.	1163	Lungs—caseous deposits in both; in right 1 inch below apex; in left at apex of posterior lobe. Heart—healthy.	137	Liver—firm. Some yellowish patches. Kidneys—stript well.	..	Tubercle of lungs.
C. L. 16,058	36	10	..	..	Case of dementia præcox (katatonia). Stereotyped movements very marked.	Brain—atrophy considerable at the vertex over the central gyri.	1214	Lungs—recent infarct at base of left lung. Heart—natural.	186	Liver—pale yellow. Kidneys—very pale. Soft. Stript easily. Intestines — whole m.m. of large intestine, also of lower part of ileum thickened and inflamed.	290	Colitis.
E. L. 14,251	38	13	..	..	Dementia præcox (katatonic)	Brain—atrophy at vertex. Ventricles dilated.	1203	Lungs—tubercular deposits and cavities in both upper lobes spreading into lower. Heart—muscle; advanced fatty degeneration.	205	Liver—natural. Kidneys—enlarged and pale.	227	Tubercle of lungs.
M. A. M. 20,937	79	56	..	..	Congenital defect and senile dementia	Brain—blood vessels calcareous. Atrophy very marked, especially in superior parietal, and then in prefrontal. Meninges thin; stript readily. Microscopic examination — fibroid thickening of meninges. Hyaline thickening of arteries. A few halo cells seen. Betz cells very heavily pigmented, immature or axonal-like. Very marked increase of satellites.	1058	Lungs—natural. Heart—muscle pale and friable. Left ventricle hypertrophied and dilated. Aorta and coronaries calcareous.	318	Liver — very friable. Microscopic examination — some portal cirrhosis and endarteritis of the hepatic artery. Kidneys—tough. Small cysts. Capsules thick. Microscopic examination—very bad. General interstitial overgrowth and enormous endarteritis.	196	Senile decay.
M. E. M. 9,674	48	20	..	..	Congenital with epilepsy and infantile paralysis.	Brain—dura mater adherent in the frontal region. Atrophy of central convolutions at the vertex. Cornua ammonis both sclerosed especially left. Microscopic examination—Betz cells heavily pigmented. Stain of moderate tint with dust like cytoplasm. Engorgement of vessels,	1328	Lungs—congested and œdematous. Heart—excess pericardial fat. Muscle very friable and fatty. Left ventricle hypertrophied. Aorta atheromatous.	282	Liver—Soft, greasy, and friable. Microscopic examination — fatty degeneration. Free cells in vessels. Kidneys—tough. Capsules adherent. Microscopic examination—marked interstitial changes and fibroid degeneration of glomeruli. Endarteritis.	183	Fatty degeneration of heart. Epilepsy.
E. N. 17,167	86	9	..	..	Senile dementia. Delusions of persecution by telephones. Noisy.	Brain—vessels very atheromatous. Meninges thick and opaque. Atrophy very marked of prefrontal, frontal, and parietal lobes. Softenings in right lenticular nucleus.	1163	Lungs—apices puckered and fibroid congestion of organs. Heart—aortic cusps calcareous. Aorta and coronaries calcareous.	232	Liver — mottled. Stones in gall bladder. Kidneys—granular.	184	Senile decay. Softening of lenticular nucleus.

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death and remarks.
S. A. O. 16,586	75	10	..	..	Delusional insanity (systematized). Dropsy and paraplegia some months before death.	Brain—vessels calcareous. Atrophy marked in prefrontals. Several small softenings in white matter of right side and in the lenticular nucleus (putamen).	1103	Lungs—congested at bases. Emphysematous at apices. Heart—muscle pale and friable.	265	Liver—pale and friable. One gall stone. Kidneys—right, small, tough, scarred and granular. Left, natural.	R 60 L 165 225	Senile decay. Softenings in lenticular nucleus, and white matter.
E. P. 13,460	41	14	..	..	Congenital with epilepsy.	Brain—atrophy slight at prefrontal. Microscopic examination — Betz cells numerous. Not immature. No tigroid. Excess pigment. No structural changes in vessels. Veins engorged.	1295	Lungs—congested at bases. Heart—excessively fat on surface. Friable. Aorta; slight atheroma.	214	Liver—engorged and friable. Microscopic examination—slight fatty infiltration in places. Enormous numbers of liver cells in veins. Kidneys—cortex friable; tore when stripped. Microscopic examination—some interstitial overgrowth. Endarteritis.	210	Status epilepticus.
E. P. 23,432	41	16	..	..	Primary dementia or congenital.	Brain—slight anomaly of circle of Willis. Right posterior cerebral continued from internal carotid.	1149	Lungs—emphysematous. Heart—muscle pale and friable.	205	Liver—tough. Kidneys — capsules stript badly. Granular.	185	Chronic Bright's.
M. A. G. 9,864	38	20	..	..	Dementia præcox (hebephrenic).	Brain—natural.	1128	Lungs—natural. Heart—muscle pale. Friable.	225	Liver—very pale and friable. Kidneys—large and tough. Stript badly.	300	Chronic Bright's.
I. R. 7,821	60	24	..	..	Chronic mania and secondary dementia.	Brain—atrophy, chiefly of superior parietal and prefrontal.	1349	Lungs—very emphysematous. Heart—fairly natural.	180	Liver—tough. Several gall stones. Kidneys—very good. Colon—ulcerated.	210	Colitis.
H. R. 7,064	46	25	..	..	Congenital or dementia præcox.	Brain—rusty staining over left frontal lobe. Old cortical lesion in sulcus between first and second left frontal gyri. Microscopic examination — Betz cells large and axonal-like, many with excess pigment. In lesion marked endarteritis of meningeal vessels. Numerous compound granule corpuscles and large glia cells occupied the attenuated cortex.	1219	Lungs—congested. Muco-pus in tubes. Heart—natural.	195	Liver — tough. One gall stone. Angioma. Microscopic examination—showed a small angioma and fairly good liver tissue. Kidneys—small, tough, & lobulated. Microscopic examination — bad. Interstitial changes and marked endarteritis.	137	Broncho-pneumonia. Angeioma of liver.
C. R. 16,992	34	9	..	..	Dementia præcox. Maniacal.	Brain—natural.	1254	Lungs—minute scattered foci of tubercle. Heart—muscle pale and friable.	180	Liver—tough. Kidneys—normal.	227	Pulmonary tubercle.
E. R. 18,264	70	10	..	..	Senile dementia.	Brain—dura mater firmly adherent all over to skull cap. Vessels atheromatous. Atrophy in prefrontal and along the vertex.	1367	Lungs—right, collapsed. Left, very congested. Heart—hypertrophied. Vessels calcareous.	300	Liver—very friable. Kidneys — contracted. Granular. Cysts.	170	Senile decay. Chronic Bright's
S. M. R. 17,996	62	8	..	..	Melancholia and secondary dementia.	Brain—subdural film over left side of vertex. Atrophy about the median fissure.	1220	Lungs—excess of pleural fluid. Pneumonia in right. Left congested. Heart—excessively fat on surface. Cavities dilated.	372	Liver—nutmeg. Friable. Kidneys — pale. Friable. Cortex diminished. Stript badly. Uterine fibroid.	245	Pneumonia.
E. S. 18,087	40	8	..	..	Dementia præcox (paranoidal).	Brain—meninges slightly thickened and waterlogged. Atrophy marked chiefly in central region at the vertex and prefrontals.	1287	Lungs—both lungs full of tubercle, caseous, and breaking down. Heart—muscle friable. Mitral cusps thick and opaque. Aorta; fatty atheroma.	152	Liver—large, pale, putty-like, fatty, and probably lardaceous. Kidneys—large and pale. Surface granular.	215	Pulmonary phthisis.
M. W. 19,678	59	6	..	..	Agitated melancholia. Exceedingly noisy and restless, deluded. Broke rignt thigh about 1 year before death.	Brain—atrophy chiefly in superior parietal and on the left side.	1350	Lungs—old healed tubercular foci at apices. Pneumonia at left base. Heart—excessively fat on surface. Valves opaque and thick.	230	Liver—friable. Kidneys—tough. Cortex diminished.	220	Pneumonia.
M. W. 8,987	48	21	..	..	Dementia præcox. Depraved habits. Ate plants and flowers.	Brain—skull cap; very thick inner table. Absence of corpus callosum. Microscopic examination—many halo cells. Betz large and all immature. Greenish pigment in the perivascular sheath.	1162	Lungs—adhesions of pleura. Dark patches and muco-pus in the tubes. Heart—muscle pale & friable.	245	Liver—firm. Some softer yellowish patches. Microscopic examination—fairly natural. Kidneys — natural. Stript well. Microscopic examination—slight cirrhotic changes. Thickening of glomerular capsules and hyaline degeneration. Endarteritis.	185	Broncho-pneumonia. Absence of corpus callosum.

FEMALE POST-MORTEMS—*continued.*

Initials and Numbers.	Age at Death.	Length of Residence. Y.	M.	D.	Synopsis of Case.	Nervous System.	Weight of Encephalon in grammes.	Thorax.	Weight of Heart in grammes.	Abdomen.	Weight of the 2 Kidneys in grammes.	Cause of Death and Remarks
R. A. W. 14,663	54	12	..	..	Epileptic insanity. Secondary dementia.	Brain — vessels atheromatous. Veins engorged. Consistence increased.	1181	Lungs—congested. Collapsed. Heart—muscle pale and friable. Vessels atheromatous.	356	Liver – very pale and friable. Kidneys—cortex diminished. Capsules stript badly.	210	Chronic Bright's
E. W. 17,979	70	8	..	..	Delusional insanity. Non: syst. Often melancholic.	Brain—vessels very atheromatous.	1208	Lungs—healthy. Heart—abdominal aorta calcareous.	255	Liver—very pale and very friable. Kidneys—granular. Intestines — m.m. thickened and ulcerated.	220	Colitis.
S. R. 23,711	66	..	4	..	Agitated melancholia. Demented. Resistive. Feeble.	Brain — vessels rather atheromatous. Atrophy marked in central convolutions. Small (pin head) cortical "hæmorrhage" in left gyrus fornicatus. Microscopic examination—this spot showed merely a collection of coal black pigment situated chiefly in peri-articular spaces (? old hæmorrhage). No gliosis. Hyaline thickening of arterioles.	1365	Lungs—Pneumonic area in middle rignt lobe and posterior left lobe. Heart—natural.	168	Liver—natural. Kidneys—very tough. Cortex diminished. Surface granular.	147	Chronic nephritis.